

Forum:[Hack Forums](#)

Thread: [\[Showcase\] Caesar Cipher STABLE - v1.00](#)

Infernumi - April 11, 2015, 5:32 pm

Caesar Cipher STABLE - v1.00 - By Iyyel

Hello there guys and girls!

Today I decided to make a little showcase of my encryption software for you. The program is still in beta state as the name suggests, because there is still a few minor bugs and such that will be fixed in the final version of the program. So let's get started with the show, and make sure to be prepared for a surprise at the end of the thread.

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1. Default

This is what you will see after you have launched the application. You will see two text areas where the user can type in either decrypted or encrypted text, as well as the control buttons and the shift value to the right of the text areas.

2. FAQ

The FAQ tab is filled with all of the information you would possibly want about the software and how to operate it. As well as having relevant information about the developer if any contact would be necessary.

3. Export

The export button is used for when the user wants to output whatever is written in the encrypted and decrypted tabs, as well as the shift value plus additional information. It will make a .txt file called

CaesarCipherText in a folder named CaesarCipher in the C:\ directory.

4. Clear

The clear button lives up to its name. It just clears both the decrypted and the encrypted tabs free for text, so they are ready to be used for a fresh start.

5. Shift

This is where you insert the shift value you want the Caesar Cipher to use to encrypt the decrypted text with. An example of a instance with shift value 1 is shown in the above picture. The shift value can both be negative or positive.

6. Decrypt

When the decrypt button is clicked, it takes the text from the 'Encrypted' text area and runs it through a decryption algorithm with the shift value as input, and then outputs the decrypted text inside the 'Decrypted' area.

7. Encrypt

The encryption button is used when the user wants to encrypt the text inside the 'Decrypted' tab based on the inserted shift value.

8. Known bugs

Currently there is only one known bug in the software. There is no scrollability in the two text areas, which might be quite frustrating if working with bigger texts. If you find any bugs, please report them in the thread or PM them to me. Thank you.

9. Surprise

Since this is beta state software, I am willing to release the program for free and making the source code for this version publicly accessible as well. I hope you enjoyed reading my thread about this program. I hope to make more of these showcases in the future. Please post in the thread with your suggestions and thoughts.

Thanks to all of you.

Caesar Cipher BETA - v0.70:

Spoiler ([Click to View](#))

<http://www.mediafire.com/download/63mb3iv4mj0al76/CaesarCipherBetav0.70.zip>

VirusTotal:

Spoiler ([Click to View](#))

<https://www.virustotal.com/en/file/dbe9bef885bbde7bc7d949844c4609d051caa9ab70569d6aacded8cb8343edd6/analysis/1428790110/>

Source - v0.70:

Spoiler ([Click to View](#))<http://pastebin.com/CLvzFUjz>

Caesar Cipher STABLE - v1.00:

Spoiler ([Click to View](#))

<http://www.mediafire.com/download/f7ku39h022ch5x9/CaesarCipher-STABLE-v1.00.jar>

beardog108 - April 11, 2015, 5:34 pm

This is pretty cool I guess but there are already tons of programs that can do this and online apps.

Its a good starter project though, and you made a nice GUI.

Birdperson - April 11, 2015, 5:35 pm

Vouch for Iyyel, never lets anyone down with his projects and software even if its Beta.

Can't wait for future projects, keep up the good work!

Infernumi - April 11, 2015, 5:37 pm

(Apr 11, 2015 05:34 PM)beardog108 Wrote: [\[CITE\]](#) This is pretty cool I guess but there are already tons of programs that can do this and online apps.

Its a good starter project though, and you made a nice GUI.

Yeah, I am aware of that. I mostly did this project because I am interested in encryption and wanted to try to implement it in a project of my own.

Thanks a lot for the comment! :)

(Apr 11, 2015 05:35 PM)Gali98 Wrote: [\[CITE\]](#) Vouch for Iyyel, never lets anyone down with his projects and software even if its Beta.

Can't wait for future projects, keep up the good work!

Thanks my friend. Can only say the same to you. :)

??Austin?? - April 11, 2015, 8:31 pm

Keep up the good work this section needs to have more showcases/src releases. Thread design is really sexy.

Spoiler [\(Click to View\)](#)

Ygneqog vq JcemHqtwou.pg vEwttgvpv vkog: 04-11-2015, 11:35 RO

Jcem Hqtwou

Jqog Writcfg Ugctej Ogodgtu Gzvteu Ykkm Jgnr Hqnnqy Eqpvcev

Ygneqog dcem, ??Cwuvkp??. Aqw ncuv xkukvgf: Vqfca, 06:34 RO (Wugt ER — Nqi Qwv)

Qrgp Dwffa Nkuv Xkgy Pgy Rquvu | Aqwt Vjtgcfu | Aqwt Rquvu | Rtkxcvg Oguucigu (Wptgcf 0, Vqvcn 60)

Jcem Hqtwou / Rtqitcookpi, Eqfkpi, cpf Ncpiwcigu / Lcxc Ncpiwcig, LXO, cpf vjg LTG / [Uqwteq]
[Ujqyecug] Ecguet Ekrjgt DGVC - x0.70

Pgy Tgrna Vjtgcf Tcvkpi:

1 2 3 4 5

Vjtgcf Qrvkqpu

[Ujqyecug] Ecguet Ekrjgt DGVC - x0.70

Vqfca, 08:32 RO Rquv: #1

Kaagn Qhhnkpg

Jcraaa :) ****

JH n33v Rtguvkig: 6

Rquvu: 137

Lqkpgf: Lcp 2012

Tgrwvcvkqp: 9

Yctpkpi Ngxgn: 0%

Ecguet Ekrjgt Dgvc - x0.70 - Da Kaagn

Jgnnq vjgtg iwau cpf iktnu!

Vqfca K fgekfgf vq ocmg c nkvnng ujgyecug qh oa gpetarvkqp uqhvyctg hqt aqw. Vjg rtqitco ku uvknn kp dgvc uvcvg cu vjg pcog uwiiguvu, dgecwug vjgtg ku uvknn c hgy okpqt dwiu cpf uwej vjcv yknn dg hkzgf kp vjg hkpcn xgtukqp qh vjg rtqitco. Uq ngv'u igv uvctvgf ykvj vjg ujgy, cpf ocmg uwtg vq dg rtgrctgf hqt c uwtrtkug cv vjg gpf qh vjg vjtgcf.

Vcdng qh Eqpvpgpvu

Fghcwnv

HCS

Gzrqtv

Engct

Ujkhv

Fgetarv

Gpetarv

Mpqyp dwiu

Uwtrtkug

1. Fghcwnv

[Kocig: FVWR0iK.rpi]

Vjku ku yjcv aqw yknn ugg chvgt aqw jcxg ncwpejgf vjg crnkecvkqp. Aqw yknn ugg vyq vgzv ctgcu yjgtg vjg wugt ecp varg kp gkvjgt fgetarvgf qt gpetarvgf vgzv, cu ygnn cu vjg eqpvtqn dwvvqpu cpf vjg ujkhv xcnwg vq vjg tkijv qh vjg vgzv ctgcu.

2. HCS

[Kocig: QS9NM89.rpi]

Vjg HCS vcd ku hknngf ykvj cnn qh vjg kphqtocvkqp aqw yqwnf rquukdna ycpv cdqvv vjg uqhvyctg cpf jgy vq qrgtcvg kv. Cu ygnn cu jcxkpi tgngxcpv kphqtocvkqp cdqvv vjg fgxgnqrgt kh cpa eqpvcev yqwnf dg pgeguucta.

3. Gzrqtv

[Kocig: MUHa8wx.rpi]

Vjg gzrqtv dwvvqp ku wugf hqt yjgp vjg wugt ycpvu vq qwvrvw yjcvngxgt ku ytkvvgp kp vjg gpetarvgf cpf fgetarvgf vcdu, cu ygnn cu vjg ujkhv xcnwg rnwu cffkvkqpcn kphqtocvkqp. Kv yknn ocmg c .vzv hkng ecnngf EcguetEkrijgtVgzv kp c hqnfgt pcogf EcguetEkrijgt kp vjg E:\ fktgevtqa.

4. Engct

[Kocig: m1LWAYL.rpi]

Vjg engct dwvvqp nkxgu wr vq kvu pcog. Kv lwuv engctu dqvj vjg fgetarvgf cpf vjg gpetarvgf vcdu htgg hqt vgzv, uq vjga ctg tgcfa vq dg wugf hqt c htguj uvctv.

5. Ujkhv

[Kocig: lUzsyig.rpi]

Vjku ku yjgtg aqw kpugtv vjg ujkhv xcnwg aqw ycpv vjg Ecguet Ekrijgt vq wug vq gpetarv vjg fgetarvgf vgzv ykvj. Cp gzcornng qh c kpuvcpeg ykvj ujkhv xcnwg 1 ku ujgyp kp vjg cdqxxg rkevwtg. Vjg ujkhv xcnwg ecp dqvj dg pgicvkxg qt rqukvkxg.

6. Fgetarv

[Kocig: oNkL33K.rpi]

Yjgp vjg fgetarv dwvvqp ku enkemgf, kv vcmgu vjg vgzv htqo vjg 'Gpetarvgf' vgzv ctgc cpf twpu kv vjtgwjj c fgetarvkqp cniqtkvjo ykvj vjg ujkhv xcnwg cu kprvv, cpf vjgp qwvrvvu vjg fgetarvgf vgzv kpukfg vjg 'Fgetarvgf' ctgc.

7. Gpetarv

[Kocig: gnctkDN.rpi]

Vjg gpetarvkqp dwvvqp ku wugf yjgp vjg wugt ycpvu vq gpetarv vjg vgzv kpukfg vjg 'Fgetarvgf' vcd dcugf qp vjg kpugtvvf ujkhv xcnwg.

8. Mpgyp dwiu

Ewttgpnvna vjgtg ku qpna qpg mpgyp dwi kp vjg uqhvyctg. Vjgtg ku pq uetqnncdknkva kp vjg vyq vgzv ctgcu, ykej okijv dg swkvg htwuvctvkpi kh yqtmkpi ykvj dkiigt vgzvu. Kh aqw hkp f cpa dwiu, rngcug tgrqtv vjgo kp vjg vjtgcf qt RO vjgo vq og. Vjcpm aqw.

9. Uwtrtkug

Ukpeg vjku ku dgvc uvcvg uqhvyctg, K co yknnkpi vq tgngcug vjg rtqitco hqt htgg cpf ocmkpi vjg uqwtg eqfg hqt vjku xgtukqp rwdnkena ceeguukdng cu yggn. K jrg aqw gplqagf tgcfkpi oa vjtgcf cdqvw vjku rtqitco. K jrg vq ocmg oqtg qh vjgug ujgyecugu kp vjg hgcvtwg. Rngcug rquv kp vjg vjtgcf ykvj aqwt uwiiguvkqpu cpf vjqwivju.

Vjcpm vq cnn qh aqw.

Fqypnqcf Nkpm:

Urqkngt (Enkem vq Xkgy)

XktwuVqvcn:

Urqkngt (Enkem vq Xkgy)

Uqwtg:

Urqkngt (Enkem vq Xkgy)

[Kocig: wIPoCYX.lri]

RO Hkpf ZORR Swqvg Tgrqtv

Vqfca, 08:34 RO Rquv: #2

dgctfqi108 Qhhnkpg

[pqdqfa@JH:]

Rtguvkig: 1

Rquvu: 36

Lqkpgf: Oca 2014

Tgrwvcvkqp: 0

Yctpkpi Ngxgn: 0%

Vjku ku rtgvva eqqn K iwguu dwv vjgtg ctg cntgcfa vqpu qh rtqitcou vjcv ecp fq vjku cpf qpnkpg crru.

Kvu c iqqf uvctvgt rtqlgev vjqwiv, cpf aqw ocfg c pkeg IWK.

RO YYY Hkpf Swqvg Tgrqtv

Vqfca, 08:35 RO Rquv: #3

lcnk98 Qhhnkpg

[wugt@JH:]

Rtguvkig: 2

Rquvu: 56

Lqkpgf: Cwi 2013

Tgrwvcvkqp: 4

Yctpkpi Ngxgn: 0%

Xqwej hqt Kaagn, pgxgt ngvu cpaqpg fqyp ykvj jku rtqlgevu cpf uqhvyctg gxgp kh kvu Dgvc.

Ecp'v yckv hqt hwwwtg rtqlgevu, mggr wr vjg iqqf yqtm!

RO Hkpf Swqvg Tgrqtv

Vqfca, 08:37 RO (Vjku rquv ycu ncuv oqfkhkgf: Vqfca 08:37 RO da Kaagn.) Rquv: #4

Kaagn Qhhnkpg

Jcrraaa :)

JH n33v Rtguvkig: 6
Rquvu: 137
Lqkpgf: Lcp 2012
Tgrwvcvkqp: 9
Yctpkpi Ngxgn: 0%
(Vqfca 08:34 RO)dgctfqi108 Ytqvg: ?
Vjku ku rtgvva eqqn K iwguu dwv vjgtg ctg cntgcfa vqpu qh rtqitcou vjcv ecp fq vjku cpf qpnkpg crru.

Kvu c iqpf uvctvgt rtqlgev vjqwij, cpf aqw ocfg c pkeg IWK.

Agcj, K co cyctg qh vjcv. K oquvna flk vjku rtqlgev dgecwug K co kpvgtgugvf kp gpetarvkqp cpf ycpvgf vq vta vq korngogpv kv kp c rtqlgev qh oa qyp.

Vjcpmu c nqv hqt vjg eqoogpv! :)
(Vqfca 08:35 RO)lcnk98 Ytqvg: ?
Xqwej hqt Kaagn, pgxgt ngvu cpaqpg fqyp ykvj jku rtqlgevu cpf uqhvyctg gxgp kh kvu Dgvc.
Ecp'v yckv hqt hwwwtg rtqlgevu, mggr wr vjg iqpf yqtm!

Vjcpmu oa htkgpf. Ecp qpna uca vjg ucog vq aqw. :)
[Kocig: wIPoCYX.lri]
RO Hkpf ZORR Swqvg Tgrqtv
Vqfca, 11:31 RO (Vjku rquv ycu ncuv oqfkhkgf: Vqfca 11:35 RO da ??Cwuvkp??.) Rquv: #5
??Cwuvkp?? Qpnkpg
Lcxc Eqfgt/Eqhhgg Nqxgt

JH n33v Rtguvkig: 17
Rquvu: 344
Lqkpgf: Pqx 2013
Tgrwvcvkqp: 26
Yctpkpi Ngxgn: 0%
Mggr wr vjg iqpf yqtm vjku ugevkqp pggfu vq jcxg oqtg ujqyecugu/ute tgngcugu. Vjtgcf fgukip ku tgcna ugza.
Geiwev Gmtliv Fixe - z0.70 - Fc Mccip
Rckp ku vjg fgnkogvgt vjcv ugrctcvgu vjg hcmg rgqrng cpf vjqug yjq kpvpgf qp gzrgtkgpekpi nkhg.
RO Hkpf ZORR Gfkv Z Swqvg Tgrqtv
Vqfca, 11:33 RO (Vjku rquv ycu ncuv oqfkhkgf: Vqfca 11:34 RO da Kpkvkc.) Rquv: #6
Kpkvkc Qpnkpg
[wugt@JH:]
Rtguvkig: 5
Rquvu: 86
Lqkpgf: Lwn 2010
Tgrwvcvkqp: 5
Yctpkpi Ngxgn: 0%
K'o swkvg kortguugf ykvj vjku. Jqrg vjcv vjgtg ku oqtg vq eqog. Mggr fqkpi yjcv aqw'tg fqkpi, kv'nn jgnr qwv vqpu qh ogodgtu.
RO Hkpf Swqvg Tgrqtv

« Pgzv Qnfguv | Pgzv Pgyguv »
Pgy Tgrna

[-]
Swkem Tgrna
Oguucig

Varg aqwt tgrna vq vjku oguucig jgtg.

Ukipcvwtg
Fkucdng Uoknkgu

Xkgy c Rtkpvc dng Xgtukqp
Uwduetkdg vq vjku vjtgcf

Eqpvcev Wu | Jcem Hqtvou | Nkvg (Ctejkxg) Oqfg | Uvchh | Cyctfu | Ngicn Rqnkekgu | Vqr

Initial - April 11, 2015, 8:33 pm

I'm quite impressed with this. Hope that there is more to come. Keep doing what you're doing, it'll help out tons of members.

WhiteBoiFromAfrica - April 12, 2015, 1:25 am

Vouch for Iyyel.
His a really good coder.

Infernumi - April 12, 2015, 2:09 am

(Apr 11, 2015 08:31 PM)??Austin?? Wrote: [\[CITE\]](#) Keep up the good work this section needs to have more showcases/src releases. Thread design is really sexy.
Thanks a lot for the nice words mate!

I will surely try to come up with more creative ideas as I learn more, then and show them here.

(Apr 11, 2015 08:33 PM)Initial Wrote: [\[CITE\]](#) I'm quite impressed with this. Hope that there is more to come. Keep doing what you're doing, it'll help out tons of members.
Thanks a ton my friend! It really motivates me. :) Thank you so much.

(Apr 12, 2015 01:25 AM)WhiteBoiFromAfrica Wrote: [\[CITE\]](#) Vouch for Iyyel.
His a really good coder.
Thanks white boii. ;) I'm not that good yet though! :D

casuall - April 12, 2015, 3:25 am

Thanks for sharing, its interesting for me to see the source as a newbie.

I noticed that it does some very basic crypting - specific letters always crypted the same?

Infernumi - April 12, 2015, 3:34 am

(Apr 12, 2015 03:25 AM)manwiss Wrote: [\[CITE\]](#) Thanks for sharing, its interesting for me to see the source as a newbie.

I noticed that it does some very basic crypting - specific letters always crypted the same?
Well, what a Caesar Cipher does essentially is to shift in the letters according to the shift value and the alphabet.

As shown in the examples, a shift value of 1 would make 'ABC' -> 'BCD' because 1 makes it shift one place to the right in the alphabet. You can shift left too by given the shift value a negative integer. :)

MrOrang - April 12, 2015, 5:42 am

Nice little program you made man!

One thing I don't understand is the export functionality though. So it just exports the encrypted & decrypted text to a file?

It would be cool if we had more of these type of threads in this section.

Infernumi - April 12, 2015, 5:58 am

(Apr 12, 2015 05:42 AM)Looka Wrote: [\[CITE\]](#) Nice little program you made man!

One thing I don't understand is the export functionality though. So it just exports the encrypted & decrypted text to a file?

It would be cool if we had more of these type of threads in this section.

Thanks so much for the feedback my friend. Glad to see you like it. About the export functionality, yes that is essentially what it does. Exports the decrypted and encrypted text into a small .txt file. (formatted, of course.)

Useful? Probably not, but I liked to learn how to export files and make the program make the path itself.

Thanks. :)

Bibl - April 12, 2015, 1:32 pm

I recommend that you separate the UI stuff from the functionality(the encryptor/decryptor/file stuff) so if someone wants to encrypt something really long then it won't freeze the UI while it operates.

Infernumi - April 12, 2015, 1:59 pm

(Apr 12, 2015 01:32 PM)dup2_x2 Wrote: [\[CITE\]](#) I recommend that you separate the UI stuff from the functionality(the encryptor/decryptor/file stuff) so if someone wants to encrypt something really long then it won't freeze the UI while it operates.

Sounds like a good idea. Thanks a lot for the input.

How would I accomplish this though?

Infernumi - April 18, 2015, 3:39 am

Hello again guys! I am happy to announce that the first stable (well, I would consider at least) release of Caesar Cipher is now available to download in the main post of this thread. This program will however, not be open source, but the v0.70 beta version will definitely persist. I got a lot of help from members from this fantastic community, without the tips and tricks I wouldn't be able to do this.

Change log:

Scroll panes fixed.

Export modified to work with more systems than Windows. (Linux, OSX. NOT TESTED YET.)

Small performance adjustments and fixes.

Grammar corrections and polishing.

There is of course always room for bugs to still be there, so if anyone of you experience anything, please do let me know.

As always, thanks to all of you.

Iyyel.

Trisomy 21 - April 18, 2015, 11:37 am

I have a question, how frequently asked are your frequently asked questions?

Infernumi - April 18, 2015, 11:46 am

(Apr 18, 2015 11:37 AM)Trisomy 21 Wrote: [\[CITE\]](#) I have a question, how frequently asked are your frequently asked questions?

Uhhh, not really a lot I suppose, but I think it is always appropriate to put some information about the developer/program inside your application. :)

Maxiim - April 18, 2015, 12:08 pm

RSA crypting/decrypting next?

I guess it would be 'more' maths tho :p

Infernumi - April 18, 2015, 12:13 pm

(Apr 18, 2015 12:08 PM)Maxiim Wrote: [\[CITE\]](#) RSA crypting/decrypting next?

I guess it would be 'more' maths tho :p

That is actually a really, really good suggestion! I would love to at least give an attempt for that. Could make a program, where you could switch between the different methods. That would be really cool.

Thanks a lot for the inspiration! :)

Trisomy 21 - April 18, 2015, 1:01 pm

(Apr 12, 2015 01:59 PM)Iyyel Wrote: [\[CITE\]](#) Sounds like a good idea. Thanks a lot for the input.

How would I accomplish this though?

You run the GUI on another thread, btw how do you handle numerical digits?

He1senb3rg - April 19, 2015, 5:45 pm

Looks alright, what algorithm are you using for encryption and decryption?

Infernumi - April 21, 2015, 12:04 am

Hello everyone.

So, I have a little request if anyone would be kind enough to be willing to help me. As people might have seen in the source, I am running all the code in 1 single class, which I know is not very good practice. Therefore I have tried myself to make it into 2 classes. (which actually ended up in 3.) I have accomplished it, and the program works well as before, however I don't think I did it the most clean way, as I had to change the visibility of my variables a lot.

So if anyone would be interested to look at the source and possibly give a hint or a few tips, please do post in this thread or just simply PM me about. :)

Thanks.

MrOrang - April 21, 2015, 2:40 am

(Apr 21, 2015 12:04 AM)Iyyel Wrote: [\[CITE\]](#) Hello everyone.

So, I have a little request if anyone would be kind enough to be willing to help me. As people might have seen in the source, I am running all the code in 1 single class, which I know is not very good practice. Therefore I have tried myself to make it into 2 classes. (which actually ended up in 3.) I

have accomplished it, and the program works well as before, however I don't think I did it the most clean way, as I had to change the visibility of my variables a lot.

So if anyone would be interested to look at the source and possibly give a hint or a few tips, please do post in this thread or just simply PM me about. :)

Thanks. It would be nice if you could upload it to github.

Infernumi - April 21, 2015, 3:04 am

(Apr 21, 2015 02:40 AM)Looka Wrote: [\[CITE\]](#) It would be nice if you could upload it to github.

Yeah, that's true however I am not very familiar with github and don't really have it installed right now, soo. :/

EDIT: Currently installing. Will try. :)

JackRed - January 31, 2017, 1:40 pm

Thank you for the source code! ?

Nemo2478 - August 2, 2019, 11:11 am

Hello!

It looks good!

A constructive criticism: note that you use the word Encrypt (and derivatives) and then use encrypt (and derivatives). I think you should unify Encrypt (and derivatives) so that the interface makes more sense.

Regards

Nemo2478 - August 4, 2019, 3:41 am

Hello Infernumi,

it's cool! You can add more features, it's the simplest.

Regards