

# Forum:[Hack Forums](#)

Thread: [Need help \(easy python task\)](#)

**Gameh3x** - February 20, 2016, 11:36 am

Hey, I really need some help. Can someone send me a code that asks the user for his/her name and prints out each letter of the name separately?

It's for my python class, I was sick for like 2 weeks straight and now I can't do shit ?

**Stealth™** - February 20, 2016, 11:37 am

"prints out each letter of the name separately?"

What do you mean by this?

And I offer Java/Python services, feel free to contact me on Skype @ Eclips3.HF

**Gameh3x** - February 20, 2016, 11:45 am

(Feb 20, 2016 12:37 PM)Stealth™ Wrote: [\[CITE\]](#) "prints out each letter of the name separately?"

What do you mean by this?

And I offer Java/Python services, feel free to contact me on Skype @ Eclips3.HF

I'm not sure but lets say it asks for your name, you type in "Tom" and it prints T, O, M like this but with using a cycle and not typing out "print" all the time. I'm bad at english, i dont know if you got me ?

**Retribute** - February 20, 2016, 11:50 am

I'm not on my computer right now, but you'll need a loop like this.

PHP Code

```
<?php
i=0
while i < len(text):
    print text[i]
    i += 1
```

**Stealth™** - February 20, 2016, 11:50 am

(Feb 20, 2016 12:45 PM)Gameh3x Wrote: [\[CITE\]](#) I'm not sure but lets say it asks for your name, you type in "Tom" and it prints T, O, M like this but with using a cycle and not typing out "print" all the time. I'm bad at english, i dont know if you got me ?

I'm guessing you mean that it prints each letter on a new line?

You can just tack on '\n' after each letter when printing in a for-loop.

**SIM-1866423** - February 20, 2016, 12:57 pm

PHP Code

```
<?php
print [x for x in "b3mb4m"]
```

?? ..

**Sophocles** - February 20, 2016, 1:12 pm

```
Code name = str(input("Name :"))
```

```
for elt in name :
```

```
    print(elt)
```

Can also be done in 2 lines but who cares...

This is 100% what you need, easiest and cleanest way of doing it.

**Goodies** - February 20, 2016, 3:32 pm

(Feb 20, 2016 01:57 PM)b3mb4m Wrote: [\[CITE\]](#) PHP Code

```
<?php
```

```
print [x for x in "b3mb4m"]
```

?? ..

haha not really. That's just going to print out a list. The easiest you can do is:

PHP Code

```
<?php
```

```
print("\n".join(list("YourNamehere")))
```

That'll at least work in python 2/3

(Feb 20, 2016 12:50 PM)Retribute Wrote: [\[CITE\]](#) I'm not on my computer right now, but you'll need a loop like this.

PHP Code

```
<?php
```

```
i=0
```

```
while i < len(text):
```

```
    print text[i]
```

```
    i += 1
```

Why have a counter? Even if you wanted to use a loop, you can just do:

PHP Code

```
<?php
```

```
for letter in "YourNameHere":
```

```
    print(letter)
```

**Feanor** - February 20, 2016, 5:21 pm

For the sake of 2 lines of code you may as well just tried to do it yourself, anyone that gave you the answer in this thread didn't actually help you.

**?e?d?RkZ** - February 27, 2016, 1:31 am

I can help you with this, I am a Computer Engineering student.. Just PM me if you want...

**EwilDave** - February 27, 2016, 4:13 am

For completion's sake, there's a one-line way of writing this:

Code [print(letter) for letter in input("Username: ")]

A breakdown of what the code is doing:

This process is called list comprehension as we iterate through a list(Your username is a list of characters/letters) - each of these is printed one after another.

**Akhilesh v sali** - *February 27, 2016, 4:54 am*

Still searching for code pm me