

Forum:[Hack Forums](#)

Thread: [Guessing game with difficult selection - my #3 code in python](#)

Malentor - July 8, 2017, 12:55 pm

just another code I made practicing, I will now try to read some documentation about the urllib library and try to make some different scripts, until now I only was able to make simple scripts like this one.

PHP Code

```
<?php
import random
import time
import sys

for i in "GUESSING GAME CODED BY MALENTOR #3 SCRIPT EVER MADE":
    time.sleep(0.08 )
    sys.stdout.write(i)
    sys.stdout.flush()

level_choice = int(input("""
1 = EASY MODE -> (0 - 10)
2 = MEDIUM MODE -> (0 - 50)
3 = EXPERT MODE -> (0 - 100)
INSERT YOUR MODE: """))

easy = random.randint(0,10)
medium = random.randint(0,50)
expert = random.randint(0,100)

if level_choice == 1:

    while True:
        # CHEATS ON -> print(easy)
        userGuess = int(input("Your guess (0-10): "))
        if userGuess < easy:
            print("The number you entered is LOWER than the random one.")
        elif userGuess > easy:
            print("The number you entered is HIGHER than the random one")
        else:
            print("CONGRATULATIONS, NUMBER HAS BEEN GUESSED")
            break

elif level_choice == 2:
    while True:
        # CHEATS ON -> print(medium)
        userGuess = int(input("Your guess (0-50): "))
        if userGuess < medium:
            print("The number you entered is LOWER than the random one.")
```

```
elif userGuess > medium:
    print("The number you entered is HIGHER than the random one")
else:
    print("CONGRATULATIONS, NUMBER HAS BEEN GUESSED")
    break
```

```
elif level_choice == 3:
    while True:
        # CHEATS ON -> print(expert)
        userGuess = int(input("Your guess (0-100): "))
        if userGuess < expert:
            print("The number you entered is LOWER than the random one.")
        elif userGuess > expert:
            print("The number you entered is HIGHER than the random one")
        else:
            print("CONGRATULATIONS, NUMBER HAS BEEN GUESSED")
            break
```

arkoydas - July 8, 2017, 5:33 pm

Simple and good.Keep working mate.

why are you using sys module: (sys.stdout.write("")) in order to print something?

TheWarOwl - July 8, 2017, 9:37 pm

(Jul 8, 2017 05:33 PM)arkoydas Wrote: [\[CITE\]](#) Simple and good.Keep working mate.

why are you using sys module: (sys.stdout.write("")) in order to print something?

I believe just to put something into practice. Not necessary but good to learn

Malentor - July 9, 2017, 4:47 am

(Jul 8, 2017 05:33 PM)arkoydas Wrote: [\[CITE\]](#) Simple and good.Keep working mate.

why are you using sys module: (sys.stdout.write("")) in order to print something?

hi,

i wanted to print the some text in loading style and I able to do it only using sys.stdout.write+ sys.stdout.flush

Hapi - July 9, 2017, 6:04 am

You should try by adding some try/catches just in case the user doesn't enter a integer number.

Malentor - July 9, 2017, 5:15 pm

(Jul 9, 2017 06:04 AM)Looka Wrote: [\[CITE\]](#) You should try by adding some try/catches just in case the user doesn't enter a integer number.

thank you , next codes will be using .try

Ensky - July 10, 2017, 5:53 am

Good work for your third ever script man.

You don't need to use if statements for the levels, dictionaries will come in handy for this. If you don't understand anything in the code below, search the documentation. PM me if you still don't get it or post in the Python section, everyone (mostly) is willing to help!

PHP Code

<?php

```
import random
import time
import sys
```

```
for i in "GUESSING GAME CODED BY MALENTOR #3 SCRIPT EVER MADE":
```

```
    time.sleep(0.08)
    sys.stdout.write(i)
    sys.stdout.flush()
```

```
# Dictionary to dictate which set of variables you're using when you select a difficulty.
```

```
diff = {
    1: {
        'name': 'Easy',
        'max': 10,
    },
    2: {
        'name': 'Medium',
        'max': 50,
    },
    3: {
        'name': 'Expert',
        'max': 100,
    }
}
```

```
level = None
```

```
# Initialise the variable as variables set in a try / except statement only work in that statement.
```

```
while True:
```

```
    try:
```

```
        level = int(input("""
        1 = EASY MODE -> (0 - 10)
        2 = MEDIUM MODE -> (0 - 50)
        3 = EXPERT MODE -> (0 - 100)
        INSERT YOUR MODE: """))
```

```
        # Ensuring that the number is 1, 2 or 3
```

```
        if(level < 1 or level > 3):
```

```
            raise ValueError # Create a value error if it's not, so it runs the block of code below.
```

```
        break
```

```
    except ValueError:
```

```
        # This block will run if they get a ValueError.
```

```
        # A ValueError raises when you try to use the int() function on a string or float(?)
```

```
        print('You must enter either: 1, 2 or 3')
```

```
number = random.randint(0, diff[level]['max'])
```

```
while True:
```

```
    userGuess = int(input("Your guess (0-{}): ".format(diff[level]['max'])))
```

```
    if userGuess < number:
```

```
    print("The number you entered is LOWER than the random one.")
elif userGuess > number:
    print("The number you entered is HIGHER than the random one")
else:
    print("CONGRATULATIONS, NUMBER HAS BEEN GUESSED")
    break
```