

Forum:[Hack Forums](#)

Thread: [55 x 2 Dice](#)

Will Patterson - October 6, 2017, 7:12 am

Code import random

```
def five():
    reroll = True
    while reroll:
        roll = random.randint(1,100)
        print('You rolled a',roll)
        if roll >= 55:
            print('You rolled over 55! You win!')
        else:
            print('Sorry, you rolled under 55, you lose!')
        print('Do you want to reroll? If yes enter "y" or "yes", if not "n" or "no"')
        reroll = ("y" or "yes") in input().lower()
```

five()If anyone has any ideas how I could make it better then please let me know!
Hopefully someone can find this useful

vorticalbox - October 6, 2017, 8:06 am

(Oct 6, 2017 07:12 AM)Will Patterson Wrote: [\[CITE\]](#) Code import random

```
def five():
    reroll = True
    while reroll:
        roll = random.randint(1,100)
        print('You rolled a',roll)
        if roll >= 55:
            print('You rolled over 55! You win!')
        else:
            print('Sorry, you rolled under 55, you lose!')
        print('Do you want to reroll? If yes enter "y" or "yes", if not "n" or "no"')
        reroll = ("y" or "yes") in input().lower()
```

five()If anyone has any ideas how I could make it better then please let me know!
Hopefully someone can find this useful

I would keep functions to a Single responsibility as per

https://en.wikipedia.org/wiki/Single_responsibility_principle

PHP Code

```
<?php
```

```
from random import randint
```

```
def roll():
    roll = randint(1,100)
    print('You rolled ', roll)
```

```
return roll
```

```
def check(n):  
    if n > 55:  
        return True  
    else:  
        return False
```

```
def main():  
    while True:  
        if check(roll()):  
            print('You rolled over 55 you win!')  
        else:  
            print('Sorry, you rolled under 55, you lose!')  
        if not input('Would you like to play again?').lower() == 'y':  
            break
```

```
main()
```

koolkid - October 6, 2017, 8:51 am

(Oct 6, 2017 08:06 AM)vorticalbox Wrote: [\[CITE\]](#) I would keep functions to a Single responsibility as per https://en.wikipedia.org/wiki/Single_responsibility_principle

PHP Code

```
<?php  
from random import randint
```

```
def roll():  
    roll = randint(1,100)  
    print('You rolled ', roll)  
    return roll
```

```
def check(n):  
    if n > 55:  
        return True  
    else:  
        return False
```

```
def main():  
    while True:  
        if check(roll()):  
            print('You rolled over 55 you win!')  
        else:  
            print('Sorry, you rolled under 55, you lose!')  
        if not input('Would you like to play again?').lower() == 'y':  
            break
```

```
main()
```

true i always try to keep it simple. it may seem easier to have one function to do everything however one function should have one task

vorticalbox - October 6, 2017, 9:18 am

(Oct 6, 2017 08:51 AM)koolkid Wrote: [\[CITE\]](#) true i always try to keep it simple. it may seem easier to have one function to do everything however one function should have one task
Also spelling in prints is a good idea too -.-

koolkid - October 6, 2017, 10:03 am

(Oct 6, 2017 09:18 AM)vorticalbox Wrote: [\[CITE\]](#) Also spelling in prints is a good idea too -.-
O.o

michalmonday - October 6, 2017, 10:27 am

hi, ("y" or "yes") isn't going to do the thing, it would have to be either:

Code reroll = "y" in input().lower() or "yes" in input().lower()
or what I'd prefer:

Code reroll = input().lower() in ["y", "yes"]

vorticalbox - October 6, 2017, 10:37 am

(Oct 6, 2017 10:03 AM)koolkid Wrote: [\[CITE\]](#) O.o
I spelt like wrong in my code lol.

koolkid - October 6, 2017, 10:53 am

(Oct 6, 2017 10:37 AM)vorticalbox Wrote: [\[CITE\]](#) I spelt like wrong in my code lol.
lol shit happens .. i need to code something

vorticalbox - October 6, 2017, 10:56 am

(Oct 6, 2017 10:53 AM)koolkid Wrote: [\[CITE\]](#) lol shit happens .. i need to code something
A bot the finds all the wrong spellings on threads and posts

*correct spelling

koolkid - October 6, 2017, 11:02 am

(Oct 6, 2017 10:56 AM)vorticalbox Wrote: [\[CITE\]](#) A bot the finds all the wrong spellings on threads and posts

*correct spelling

? cant bother too tired.. monday to friday work days ? saturday is a busy day sunday is rest day ..
sigh