Python

import Modules

Albert Zaqaryan Lesson 5

```
import math
print(math.pi)
print(math.sqrt(16))
```

```
from math import *
print(pi)
print(sqrt(16))
```

```
import random
print(random.random())
```

```
import random
print(random.randint(0,10))
```

```
import random
x = ‘abcdefgh’
print(random.choice(x))
```

```
import random as r
print(r.randrange(0,100,5))
```

```
import time
time.sleep(3)
```

```
import os
print(os.getcwd())
```

```
import calendar
y = int(input("Input the year : "))
m = int(input("Input the month : "))
print(calendar.month(y, m))
```

import

```
import datetime

x = datetime.datetime.now()
print(x)
print(datetime.date.today())
```

import

```
import datetime

x = datetime.datetime(2020, 5, 17)

print(x)
```

import

```
import datetime

x = datetime.datetime.now()

print(x.year)
print(x.strftime("%A"))
```

import

1. Write a python program which will check is your number equal the random number of computer (1-10)if yes print True otherwise False.

2. Write a python program which will check is your number great or equal the random number of computer (10-100)if yes print True otherwise False.

import

3.Write a python program which will show your birthday using calendar.
4.Write a python program where we use sqrt (definition discriminant):

b² - 4ac

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$6x2+10x-1=0$$

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5. Write a python program where we use pi (calculate the area of circle) you have one input (radius circle).