2nd Assignment

First Answer¶

In [1]:

```
def test_range(n):
    if n in range(10,20):
        print( "Number %s is in the range"%str(n))
    else :
        print("The number is outside the given range.")
test_range(15)
```

```
Number 15 is in the range
```

Third answer¶

In [9]:

```
import random


print("Random integers between 0 and 9: ")
for i in range(4, 11):
     y = random.uniform(4, 10)
     print(y)
```

```
Random integers between 0 and 9:
5.796455730189834
8.958225843887684
7.873340250784858
6.057539904403836
8.345464046947948
6.815753449771369
9.48162933096248
```

Second Answer¶

In [10]:

```
x=int(input('enter the cards'))
x
```

```
enter the cards12
```

Out[10]:

```
12
```

In [11]:

```
y = x/2
print(y)
```

```
6.0
```

In [12]:

```
x=int(input('enter the cards'))
```

```
enter the cards11
```

In [14]:

```
x
```

Out[14]:

```
11
```

In [15]:

```
y = x/2
print(y)
```

```
5.5
```

Fourth Answer¶

In [1]:

```
start_time=int(input('enter starting time'))
end_time=int(input('enter end time'))

bill=(end_time-start_time)*5.50

print(bill)
```

```
enter starting time10
enter end time15
27.5
```

Fifth Answer¶

In [12]:

```
import random
numberOfRolls=int(input("enter number of times 2 dice are rolled: "))
```

```
numberOfDoubles=0
for i in range(0,numberOfRolls):
    firstDiceNo =random.randint(1,6)
    secondDiceNo=random.randint(1,6)
    if(firstDiceNo==secondDiceNo):
        numberOfDoubles=numberOfDoubles+1
print("doubles appeared ",numberOfDoubles, "time(s)")
percentage_of_doubles = ((numberOfDoubles)/numberOfRolls)*100
print("% appeared is: ",percentage_of_doubles)
```

```
enter number of times 2 dice are rolled: 1000
doubles appeared  182 time(s)
% appeared is:  18.2
```

In [ ]: