Untitled3

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```python
[3]: n=int(input())
     if(n>90):
         print("A")
     elif(n>80 and n<=90):
         print("B")
     elif(n>=60 and n<=80):
         print("C")
     else:
         print("D")
```

```
 95

A
```

```python
[1]: n=int(input())
     if(n>100000):
         print(n*0.15)
     elif(n>50000 and n<=100000):
         print(n*0.1)
     else:
         print(n*0.05)
```

```
 100000

10000.0
```

```python
[6]: n=str(input())
     if(n=="Delhi"):
         print("Red Fort")
     elif(n=="Agra"):
         print("Taj Mahal")
     else:
         print("Jal Mahal")
```

```
 Delhi

Red Fort
```

```
[1]: n=int(input())
     count=0
     while n>10:
         n/=3
         count+=1
     print(count)
```

99

3

0.0.1 While loop is used when we are not sure about number of iterations.Above example is used for while loop.While loop checks the condition first and then executed the program.

```
[3]: n = int(input('Enter number of rows : '))

     i = 1
     while i <= n :
         j = 1
         while j <= i:
             print("*", end = " ")
             j += 1
         print()
         i += 1
```

Enter number of rows : 5

```
*
* *
* * *
* * * *
* * * * *
```

```
[1]: i=1
     while i<=5:
         j=1
         while j<=i:
             print(j,end=" ")
             j=j+1
         print("")
         i=i+1
```

```
1
1 2
1 2 3
1 2 3 4
1 2 3 4 5
```

```
[3]: n=int(input())
     while(n<11 and n>1):
         n-=1
         print(n)
```

10
9
8
7
6
5
4
3
2
1

```
[2]: n=int(input())
     while(n<11 and n>1):
         n-=1
         print(n)
```

10
9
8
7
6
5
4
3
2
1

[ ]: