

if else statement

```

1 temp=int(input("Enter current temperature:"))
2 if temp<=20:
3     print("It is a cold day.")
4 else:
5     print("It is not a cold day.")
6

```

```

Enter current temperature:12
It is a cold day.

```

elif

```

1 name = input("Enter your name:")
2 lenght = len(name)
3 if lenght<3:
4     print("Name should be at least 3 character")
5 elif lenght>20:
6     print("Name should be of maximum 20 character.")
7 else:
8     print("Name is correct.")

```

```

[ ] Enter your name:rahul
Name is correct.

```

while Loop

```

1 i=1
2 while i<=5:
3     print(i)
4     i = i+1
5 print("print Done")

```

```

1
2
3
4
5
print Done

```

```

1 i=1
2 while i<=5:
3     print('*'*i)
4     i=i+1
5 print("done")

```

```

*
**
***
****
*****
done

```

For loop

```

1 for i in 'PyTHON':
2     print(i)

```

```

P
y
T
H
O
N

```

```

1 for i in ['a','b','c']:
2     print(i)

```

```

a
b
c

```

```

1 for x in range(1,6):
2     print(x)

```

```
1  
2  
3  
4  
5
```

break,continue,pass

```
1 for letter in 'PYTHON':  
2     if letter=='T':  
3         continue  
4     else:  
5         print(letter)
```

```
P  
Y  
H  
O  
N
```

```
1 for letter in 'PYTHON':  
2     if letter=='T':  
3         break  
4     else:  
5         print(letter)
```

```
P  
Y
```

```
1 for letter in 'PYTHON':  
2     if letter=='T':  
3         pass  
4         print("pass is executed")  
5     else:  
6         print(letter)
```

```
P  
Y  
pass is executed  
H  
O  
N
```

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