

## Conditional Statement

- 1) if True:  
    print ("we are learning python")
- 2) a=True  
    if a:  
        print ("we are learning python")
- 3) a=5  
    if a>2:  
        print("we are learning python")
- 4) a=5  
    if a>10:  
        print("we are learning python")  
    else:  
        print("we are learning data science")
- 5) a=12  
    if a<5:  
        print("we are learning python")  
    elif a>=5 and a<10:  
        print("we are at nielit patna")  
    elif a>=10 and a<15:  
        print(" we are students of GWP")  
    else:  
        print("we are learning data science")
- 6)  
    a=0  
    while a<5:  
        print("value of a is below 5")  
        a+=1  
    **o/p**  
    value of a is below 5  
    value of a is below 5  
    value of a is below 5  
    value of a is below 5  
    value of a is below 5
- 7) a=0  
    while a<5:  
        print(f"value of a is {a}")  
        a+=1  
    **o/p**  
    value of a is 0  
    value of a is 1  
    value of a is 2  
    value of a is 3

value of a is 4

8) a=[1,2,3,4,5,6,7,8,9,10]

for i in a:

print("hello world")

**o/p**

hello world

hello world

hello world

hello world

hello world

hello world

hello world

hello world

hello world

hello world

9) a=[1,2,3,4,5,6,7,8,9,10]

for i in a:

print(i)

**o/p**

1

2

3

4

5

6

7

8

9

**10**

```
a="nielitpatna"
```

```
for i in a:
```

```
    print("hello world")
```

**o/p**

hello world

hello world

hello world

hello world

hello world

hello world

hello world

hello world

hello world

hello world

hello world

**11. a="nielitpatna"**

```
for i in a:
```

```
    print(i)
```

**o/p**

n

i

e

l

i

t

p  
a  
t  
n  
a