

# Conditional Statements In Python

Conditional statements are used to make decisions based on variable values or comparison results

**If** : executes a block of code if a condition is true

**Else** : executes a different block of code if the if condition is false

**Elif** : checks multiple conditions in sequence and executes different code blocks depending on which condition is true

## **1. Write a program to print all the even numbers from list**

```
List A =[1,2,5,7,4,8,10,12,14,17,20,22,13,15]
```

```
For number in list A
```

```
    If (number %2==0)
```

```
        Print(number)
```

### **Output:**

```
2
4
8
10
12
14
20
22
```

## **2. print squares of element in python**

```
A=[2,4,6,8,10,12,14,16,18,20]
```

```
For i in a
```

```
Print(i**2)
```

### **Output:**

```
4
16
```

36

64

100

144

196

256

324

400

**3. *s="learning python is very easy" print only wherever we have a in a word***

S="learning python is very easy"

Print words with a(s)

**Output:** learning easy