

## Code Intended by RJD

Python Program to Print Numbers from 1-10 Using While Loop.

```
In [20]: i = 1;
         while(i <= 10):
             print(i);
             i= i + 1
```

```
Out[20]: 1
         2
         3
         4
         5
         6
         7
         8
         9
         10
```

Python Program to Print Odd Numbers (2-Methods).

```
In [27]: num = 1;
         while(num < 50):
             print(num);
             num = num + 2;
```

```
Out[27]: 1
         3
         5
         7
         9
         11
         13
         15
         17
         19
         21
         23
         25
         27
         29
         31
         33
         35
         37
         39
         41
         43
         45
         47
         49
```

```
In [61]: i = 0;
         while(i <= 50):
             if(i % 2 != 0):
                 print(i);
             i= i + 1
```

```
Out[61]: 1
         3
         5
         7
         9
         11
         13
         15
         17
         19
         21
         23
         25
         27
         29
```

31  
33  
35  
37  
39  
41  
43  
45  
47  
49

#### Python Program to Print Even Numbers (2-Methods).

```
In [30]: num = 0;
         while(num < 50):
             print(num);
             num = num + 2;
```

```
Out[30]: 0
         2
         4
         6
         8
         10
         12
         14
         16
         18
         20
         22
         24
         26
         28
         30
         32
         34
         36
         38
         40
         42
         44
         46
         48
```

```
In [62]: i = 0;
         while(i <= 50):
             if(i % 2 == 0):
                 print(i);
             i= i + 1
```

```
Out[62]: 0
         2
         4
         6
         8
         10
         12
         14
         16
         18
         20
         22
         24
         26
         28
         30
         32
         34
         36
         38
         40
         42
         44
         46
         48
         50
```

#### Python Program to demonstrate the use of Break Statement.

```
In [53]: i = 1;
         while(i <= 10):
             print(i);
             i= i + 1
             if(i == 4):
                 break;
```

```
Out[53]: 1
         2
         3
```

#### Python Program to Print Array Elements.

```
In [65]: fruits = ["Banana","Apple","Gauva"]
         for x in fruits:
             print(x, end = ' ');

         for x in "Banana":
             print(x, end = ' ');
```

```
Out[65]: Banana Apple Gauva B a n a n a
```

#### Python Program to Demonstrate the use of "Range Function".

```
In [69]: for x in range(10):
         print(x,end = " ");
```

```
Out[69]: 0 1 2 3 4 5 6 7 8 9
```

```
In [70]: for x in range(5,10):
         print(x,end = " ");
```

```
Out[70]: 5 6 7 8 9
```

```
In [71]: for x in range(5,100,5):
         print(x,end = " ");
```

```
Out[71]: 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95
```

```
In [0]:
```