

Loops are tools that we can use to save time

```
while(x <4):  
    print(x)  
    x = x+1
```

## How to use “break” statement” in For Loop

```
x=0  
#define a while loop  
#    while(x <4):  
#        print x  
#        x = x+1  
  
#Define a for loop  
for x in range(2,7):  
    print(x)  
  
Months = ["Jan","Feb","Mar","April","May","June"]  
for m in Months:  
    print(m)  
  
#use a for loop over a collection  
#Months = ["Jan","Feb","Mar","April","May","June"]  
#for m in Months:  
#    print m  
  
# use the break and continue statements  
for x in range (10,20):  
    if (x == 15): break  
    #if (x % 2 == 0) : continue  
    print(x)
```

### Output

```
10  
11  
12  
13  
14
```

## How to use “continue statement” in For Loop

```
#use a for loop over a collection  
#Months = ["Jan","Feb","Mar","April","May","June"]  
#for m in Months:  
#    print m
```

```
# use the break and continue statements
for x in range (10,20):
    #if (x == 15): break
    if (x % 5 == 0) : continue
    print(x)
```

## Output

```
11
12
13
14
16
17
18
19
```

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## What is enumerate() in Python?

```
#use a for loop over a collection
Months = ["Jan","Feb","Mar","April","May","June"]
for i, m in enumerate (Months):
    print(i,m)
```

```
# use the break and continue statements
```

```
    #for x in range (10,20):
    #if (x == 15): break
    #if (x % 5 == 0) : continue
    #print x
```

```
0 Jan
1 Feb
2 Mar
3 April
4 May
5 June
```

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