In [23]:
```python
# Task 1: Write a program to print even numbers from 50 - 100 using while loop.
i = 50
while i < 101 :
    print(i)
    i = i+2
```

```
50
52
54
56
58
60
62
64
66
68
70
72
74
76
78
80
82
84
86
88
90
92
94
96
98
100
```

In [24]:
```python
# Task 2: Take ten numbers and display smallest number using while loop. (without buil
mini = int(input("Enter Value : "))
i = 0
while i < 9 :
    value = int(input("Enter Value : "))
    if value <= mini :
        mini = value
    i = i+1
print("Smallest Value : ",mini)
```

```
Smallest Value :  1
```

In [25]:
```python
# Task 3: Take 10 integers numbers and print their average value using while loop.
i = 0
summ = 0
while i < 10 :
    summ = summ + int(input("Enter Number : "))
    i = i+1
print("Average : ",summ/10)
```

```
Average :  5.5
```

In [26]:
```python
# Task 4: Counting from 1 to N: Write a program that uses a while loop to print number
n = int(input("Enter N : "))
```

```
i=1
while i <= n :
    print(i)
    i = i+1
```

```
1
2
3
```

In [27]:
```
# Task 5: Sum of N numbers: Create a program that calculates the sum of the first N no
# while loop.
n = int(input("Enter N : "))
i=1
summ = 0
while i <= n :
    summ = summ + i
    i = i+1
print("sum :",summ)
```

```
sum : 15
```

In [28]:
```
# Task 6: Factorial Calculation: Write a program to calculate the factorial of a given
# loop.
n = int(input("Enter N : "))
if n == 0 :
    print("Factorial is 1")
else :
    i=1
    fac = 1
    while i <= n :
        fac = fac * i
        i = i+1
    print("Factorial is : ",fac)
```

```
Factorial is :  120
```