

# Assignment-5 Iterative Control Statement

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(1) Write a Program to Print mySirch N time on the screen.

```
For (int i = 1; i <= N; i++)
```

```
    PrintF("mySirch")
```

(2) W.A.P to Print the First N natural numbers.

1, 2, 3, ..., N

```
For (int i = 1; i <= N; i++)
```

```
    Print("%d", i)
```

(3) W.A.P to Print the First N natural number in reverse order

N, (N-1), (N-2), ..., 1

```
For (int i = N; i >= 1; i--)
```

```
    PrintF("%d", i)
```

(4) W.A.P to Print N odd natural numbers.

1, 3, 5, 7, ..., 2n-1

```
scanf("%d", &n)
```

```
For (int i = 1; i <= n; i++)
```

```
    PrintF("%d", 2*i-1)
```

(5) W.A.P to Print the First N odd natural number in reverse order.

```
scanf ("%d", &N);
```

```
for (int i = N; i >= 1; i--)
```

```
printf ("%d", i);
```

(6) W.A.P to Print the First N even natural numbers.

```
scanf ("%d", &n)
```

```
for (int i = 1; i <= n; i++)
```

```
printf ("%d", 2*i)
```

(7) W.A.P to Print the First N even natural number in reverse order

```
scanf ("%d", &n)
```

```
for (int i = N; i >= 1; i--)
```

```
printf ("%d", 2*i);
```



(8) W.A.P to Print Square of the First N natural No.

```
scanf ("%d", &n)
for (int i = 1; i <= n; i++)
    printf ("%d", i*i);
```

(9) Write a Program to Print Cubes of the First N natural numbers.

```
scanf ("%d", &n);
for (int i = 1; i <= n; i++)
    printf ("%d", i*i*i);
```

(10) W.A.P to Print a table of N.

```
scanf ("%d", &n);
for (int i = 1; i <= 10; i++)
    printf ("%d", n*i);
```