

## Assignment - 10

(1) Write a program to print MySirG N times on the screen.

Ans -

```
main()
{
    int N, i;
    printf("How many times print mySirG on the screen");
    scanf("%d", &N);
    while (i < N)
    {
        i = 1;
        printf("MySirG\n");
        i++;
    }
    printf("END");
}
```

(2) Write a program to print the first N natural numbers.

Ans -

```
main()
{
    int i, N;
    i = 1;
    printf("Enter Value of N");
    scanf("%d", &N);

    while (i <= N)
    {
        printf("%d", i);
        i++;
    }
}
```



(3) Write a program to print the first N natural numbers in reverse order.

Ans

```
main()
{
    int i, N;
    printf("Enter value of N");
    scanf("%d", &N);
    for (i = 1; i <= N; i++)
        printf("%d ", N+1-i);
}
```

(4) Write a program to print N even natural numbers

Ans

```
main()
{
    int i, n; i = 1;
    printf("Enter value of N");
    scanf("%d", &n);

    while (i <= n)
        i++;
    printf("%d ", 2*i);
}
```

(5) Write a program to print N even natural numbers in reverse order.

```

main( )
n = int ("Enter a natural number");
for i in range (1, n+1)
    print (2n+2 - 2i, end = " ");

```

(6) Write a program to print first N odd natural numbers.

Ans.

```

main( )
{
    int i = 1; , n
    while (1 <= n) {
        printf ("%d", i * 2 - 1);
        i++;
    }
    getch();
}

```

(7) Write a program to the Squares of first N natural numbers.

Ans

```

main ( )
{
    int n, i, i = 1;
    while (1 <= n) {
        printf ("%d", i * i);
        i++;
    }
    getch();
}

```

(8) print the cubes of first N natural numbers



```

main()
int N, i; i = 1;
while (1 <= n) {
    printf("%d", i * i * i);
    i++;
}
getch();

```

⑨ print the squares of first N Natural numbers in reverse order

Ans -

```

main()
int i = N, i;
while (N >= 1) {
    printf("%d", i * i);
    i--;
}
getch();
}

```

⑩ print the Cubes of First N Natural numbers in reverse order

```

main()
int i = N, i;

```