

Assignment - 5

(1) WAP to print MySirG N times on the screen.

Ans

```
int main()
{
    int i = 1, n;
    printf("enter a number");
    scanf("%d", &n);
    while (i <= n)
    {
        printf("MySirG\n");
        i++;
    }
    return 0;
}
```

(2) WAP to print the first N natural numbers.

Ans- `int main()`

```
{ int i = 1, n;  
  printf("enter a number");  
  scanf("%d", &n);
```

```
  while (i <= n)
```

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

```
}
```

```
}
```

(3) WAP to print first N Natural numbers in reverse order.

```
int main()
```

```
{ int i, n;
```

```
  printf("enter a number");
```

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

```
  printf("n natural numbers in reverse:");
```

```
  for (i = n; i >= 0; i--)
```

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

```
}
```

```
}
```

(4) WAP to print first ^N odd natural numbers.

```
int main()
```

```
{ int
```


Ans

```
int main()
{
    int i = 1, n;
    printf("enter a number");
    scanf("%d", &n);
    printf("n odd natural numbers are:");

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

(5) WAP to print first N Odd Natural numbers in reverse.

```
int main()
{
    int i, n;
    printf("enter a number");
    scanf("%d", &n);
    printf("n odd number in reverse");

    for (i = n; i >= 1; i--) {
        printf("%d", 1 - i * 2);
    }
}
```

(6) WAP to print N even natural numbers

```
int main()
{
    int i = 1, n;
    printf("enter a number");
}
```

```
scanf ("%d", &n);  
printf ("n even natural numbers are: ");
```

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

```
}
```

(7) WAP to print N even natural numbers in reverse order.

Ans

```
int main() {  
    int i, n;  
    printf ("enter a number");  
    scanf ("%d", &n);  
    printf ("n even natural number in reverse");
```

```
for (i = n; i >= 0; i--) {  
    printf ("%d", i * 2);  
}
```

```
}
```

(8) WAP to print Squares of the first N Natural numbers

Ans

```
int main() {  
    int i = 1, n;  
    printf ("enter a number");  
    scanf ("%d", &n);  
    printf ("Squares of n natural numbers are: ");
```

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

```
}
```


(9) WAP to print Cubes of first N Natural numbers.
Ans

```
int main()
{
    int i=1, n;
    printf("enter a number");
    scanf("%d", &n);
    printf("Cubes of first n natural number are:");

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

(10) WAP to print a table of N :

```
int main()
{
    int i=1, n;
    printf("enter a number");
    scanf("%d", &n);

    printf("Table of n is:");

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