Assignment-4 (Iterative control statement)

① WAP to print MySirG 5 times on the screen.

```
#include<stdio.h>
int main()
{
    int i=1;
    do{
        printf("\n MySirG");
        i++;
    }while(i<=5);
    return 0;
}
```

Output:
MySirG
MySirG
MySirG
MySirG
MySirG

② WAP to print the first 10 natural numbers.

```
#include<stdio.h>
int main()
{
    for(int i=1; i<=10; i++)
        printf("%d", i);
    return 0;
}
```

Output: 1 2 3 4 5 6 7 8 9 10

③ WAP to print the first 10 natural numbers in reverse order

```
#include<stdio.h>
int main()
{
    for(int i=10; i>=1; i--)
        printf("%d", i);
    return 0;
}
```

Output: 10 9 8 7 6 5 4 3 2 1

④ WAP to print the first 10 odd natural numbers.

```
#include<stdio.h>
int main()
{
    for(int i=1; i<=10; i++)
        printf("%d ", i*2-1);
    return 0;
}
```

(5) WAP to print the first 10 odd natural numbers in reverse order.

```
#include<stdio.h>
int main()
{
    for(int i=10;i>=1;i--)
        printf("%d",2*i-1);
    return 0;
}
```

(6) WAP to print the first 10 even natural numbers

```
#include<stdio.h>
int main()
{
    for(int i=1;i<=10;i++)
        printf("%d",2*i);
    return 0;
}
```

(7) WAP to print the first 10 even natural numbers in reverse order.

```
#include<stdio.h>
int main()
{
    for(int i=10;i>=1;i--)
        printf("%d ",2*i);
    return 0;
}
```

(8) WAP to print squares of the first 10 natural numbers.

```
#include<stdio.h>
int main()
{
    for(int i=1;i<=10;i++)
        printf("%d",i*i);
    return 0;
}
```

(9) WAP to print cubes of the first 10 natural numbers

```
#include<stdio.h>
int main()
{
    for(int i=1;i<=10;i++)
        printf("%d",i*i*i);
    return 0;
}
```

(10) WAP to print a table of 5.

```
#Include<stdio.h>
int main()
{ int n=5;
  for(int i=1;i<=10;i++)
      printf("%d x %d = %d \n", n, i, n*i);
  return 0;
}
```