# Assignment – 4

**Iterative control statements**

1.write a program to print MySirG 5 times on the screen.

#include<stdio.h>

int main(){

 int i;

 for(i=1;i<=5;i++){

        printf("MySirG");

 }

  return 0;

}

2.write a program to print the first 10 natural numbers.

#include<stdio.h>

int main(){

 int i;

 for(i=1;i<=10;i++){

     printf("%d",i);

 }

  return 0;

}

3. write a program to print the first 10 natural numbers in reverse order.

#include<stdio.h>

int main(){

 int i;

 for(i=10;i>0;i--){

     printf("%d",i);

 }

  return 0;

}

4. write a program to print the first 10 odd natural numbers.

#include<stdio.h>

int main(){

 int i;

 for(i=1;i<=20;i+=2){

     printf("%d",i);

 }

  return 0;

}

5. write a program to print the first 10 odd natural numbers in reverse order.

#include<stdio.h>

int main(){

 int i;

 for(i=19;i>0;i-=2){

     printf("%d",i);

 }

  return 0;

}

6.write a program to print the first 10 even natural numbers

#include<stdio.h>

int main(){

 int i;

 for(i=2;i<=20;i+=2){

     printf("%d",i);

 }

  return 0;

}

7. write a program to print the first 10 even natural number in reverse order.

#include<stdio.h>

int main(){

 int i;

 for(i=20;i>0;i-=2){

     printf("%d",i);

 }

  return 0;

}

8.write a program to print squares of the first 10 natural numbers

#include<stdio.h>

int main(){

 int i=2,n;

 printf("enter a number:");

 scanf("%d",&n);

 while(i<=n){

   printf("%d",i);

     i\*=i;

 }

  return 0;

}

9. write a program to print cubes of the first 10 natural numbers.

#include<stdio.h>

int main(){

 int i=2,n;

 printf("enter a number:");

 scanf("%d",&n);

 while(i<=n){

     printf("%d",i);

     i=i\*i\*i;

 }

  return 0;

}

10. write a program to print a table of 5.

#include<stdio.h>

int main(){

 int i;

 for(i=5;i<=50;i+=5){

     printf("%d",i);

 }

  return 0;

}