**Assignment – 5**

**More on iterative control statements**

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

#include<stdio.h>

int main(){

 int i,n;

 printf("enter a number:");

 scanf("%d",&n);

 for(i=1;i<n;i++){

     printf("MySirG");

 }

  return 0;

}

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

#include<stdio.h>

int main(){

 int i,n;

 printf("enter a number:");

 scanf("%d",&n);

 for(i=1;i<n;i++){

     printf("%d",i);

 }

  return 0;

}

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

#include<stdio.h>

int main(){

 int i,n;

 printf("enter a number:");

 scanf("%d",&n);

 for(i=n;i>0;i--){

     printf("%d",i);

 }

  return 0;

}

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

#include<stdio.h>

int main(){

 int i,n;

 printf("enter a odd number:");

 scanf("%d",&n);

 for(i=1;i<n;i+=2){

     printf("%d",i);

 }

  return 0;

}

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

#include<stdio.h>

int main(){

 int i,n;

 printf("enter a odd number:");

 scanf("%d",&n);

 for(i=n;i>0;i-=2){

     printf("%d",i);

 }

  return 0;

}

6. write a program to print the first N odd even natural number

#include<stdio.h>

int main(){

 int i,n;

 printf("enter a even number:");

 scanf("%d",&n);

 for(i=2;i<n;i+=2){

     printf("%d",i);

 }

  return 0;

}

7. write a program to print the first N even natural numbers in reverse order

#include<stdio.h>

int main(){

 int i,n;

 printf("enter a even number:");

 scanf("%d",&n);

 for(i=n;i>0;i-=2){

     printf("%d",i);

 }

  return 0;

}

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

#include<stdio.h>

int main(){

 int i,n;

 printf("enter a number:");

 scanf("%d",&n);

 for(i=2;i<n;i\*=i){

     printf("%d",i);

 }

  return 0;

}

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

#include<stdio.h>

int main(){

 int i,n;

 printf("enter a number:");

 scanf("%d",&n);

 for(i=2;i>n;i=i\*i\*i){

     printf("%d",i);

 }

  return 0;

}

10. write a program to print a table of N

#include<stdio.h>

int main(){

 int i,n;

 printf("enter a number for table:");

 scanf("%d",&n);

 for(i=n;i>0;i+=n){

     printf("%d",i);

 }

  return 0;

}