**ASSIGNMENT-4**

**Iterative Control Statements**

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

#include<stdio.h>

int main()

{

   int i=1;

   while(i<=5)

   {

   printf("MySirG ");

   i++;

   }

    return 0;

}

1. Write a program to print the first 10 natural number

#include<stdio.h>

int main()

{

   int i;

   for(i=1;i<=10;i++)

   printf("%d ",i);

    return 0;

}

1. Write a program to print the first 10 natural numbers in reverse order

#include<stdio.h>

int main()

{

   int i;

   for(i=1;i<=10;i++)

   printf("%d ",11-i);

    return 0;

}

1. Write a program to print the first 10 odd natural numbers

#include<stdio.h>

int main()

{

   int i;

   for(i=1;i<=10;i++)

   printf("%d ",2\*i-1);

    return 0;

}

1. Write a program to print the first 10 odd natural numbers in reverse order.

#include<stdio.h>

int main()

{

   int i=1;

   while(i<=10)

   {

   printf("%d ",21-i\*2);

   i++;

   }

    return 0;

}

1. Write a program to print the first 10 even natural numbers

#include<stdio.h>

int main()

{

   int i;

   for(i=1;i<=10;i++)

   printf("%d ",2\*i);

    return 0;

}

1. Write a program to print the first 10 even natural numbers in reverse order

#include<stdio.h>

int main()

{

   int i;

   for(i=1;i<=10;i++)

   printf("%d ",22-2\*i);

    return 0;

}

1. Write a program to print squares of the first 10 natural numbers

#include<stdio.h>

int main()

{

   int i;

   printf("Square of first 10 natural nos");

   for(i=1;i<=10;i++)

   printf("%d ",i\*i);

    return 0;

}

1. Write a program to print cubes of the first 10 natural numbers

#include<stdio.h>

int main()

{

   int i;

   printf("Cubes of first 10 natural nos");

   for(i=1;i<=10;i++)

   printf("%d ",i\*i\*i);

    return 0;

}

1. Write a program to print a table of 5.

#include<stdio.h>

int main()

{

   int i;

   printf("table of 5\n");

   for(i=1;i<=10;i++)

   printf("%d\*5=%d\n",i,i\*5);

    return 0;

}