***Assignment-5***

***Iterative Control in C Language***

/\*

Qno1:- Write a program to print MySirG N times on the screen.

\*/

#include<stdio.h>

int main()

{

    int i, n;

    printf("Enter the any number ");

    scanf("%d",&n);

    for ( i = 1; i < n+1; i++)

    {

        printf("MySirG\n");

    }

    return 0;

}

/\*

Qno2:- Write a program to print the first N natural numbers.

\*/

#include<stdio.h>

int main()

{

    int i, n;

    printf("Enter the any number ");

    scanf("%d",&n);

    for ( i = 1; i < n+1; i++)

    {

        printf("%d ", i);

    }

    return 0;

}

/\*

Qno3:- Write a program to print the first N natural numbers in reverse order.

\*/

#include<stdio.h>

int main()

{

    int i, n;

    printf("Enter the any number ");

    scanf("%d",&n);

    for ( i = 0; i < n; i++)

    {

        printf("%d ",n-i);

    }

    return 0;

}

/\*

Qno4:- Write a program to print the first N odd numbers.

\*/

#include<stdio.h>

int main()

{

    int i, n;

    printf("Enter the any number ");

    scanf("%d", &n);

    for ( i = 1; i < n+1 ; i = i +2)

    {

        printf("%d ", i);

    }

    return 0;

}

/\*

Qno5:- Write a program to print the first N odd numbers in

reverse order.

\*/

#include<stdio.h>

int main()

{

    int i, n;

    printf("Enter the any number ");

    scanf("%d", &n);

    for ( i = 1; i < n \* 2; i = i + 2)

    {

        printf("%d ", n \* 2 - i);

    }

    return 0;

}

/\*

Qno6:- Write a program to print the first N even natural

numbers.

\*/

#include<stdio.h>

int main()

{

    int i, n;

    printf("Enter the any number ");

    scanf("%d", &n);

    for ( i = 2; i < n \* 2 + 1 ; i=i+2)

    {

        printf("%d ", i);

    }

    return 0;

}

/\*

Qno7:- write a program to print the fist N even natural

numbers in reverse order.

\*/

#include<stdio.h>

int main()

{

    int i, n;

    printf("Enter the any number ");

    scanf("%d", &n);

    for ( i = 0; i < n\*2; i=i+2)

    {

        printf("%d ", n\*2-i);

    }

}

/\*

Qno8:- Write a program to print squares of the first N natural

numbers.

\*/

#include<stdio.h>

int main()

{

    int i, n;

    printf("Enter the any number ");

    scanf("%d", &n);

    for ( i = 1; i < n+1; i++)

    {

        printf("%d ", i \* i);

    }

    return 0;

}

/\*

Qno9:- Write a program to print CUbes of the first N natural

numbers.

\*/

#include<stdio.h>

int main()

{

    int i, n;

    printf("Enter the any number ");

    scanf("%d", &n);

    for ( i = 1; i < n+1; i++)

    {

        printf("%d ", i \* i \* i);

    }

    return 0;

}

/\*

Qno10:- Write a program to print a table of N.

\*/

#include<stdio.h>

int main()

{

    int i, n;

    printf("Enter the any number ");

    scanf("%d", &n);

    for (i = 1; i < 10+1; i++)

    {

        printf("%d x %d = %d \n",n, i, n \* i);

    }

    return 0;

}