ASSIGNMENT -5

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

#include<stdio.h>

int main()

{

    int i;

    printf("Enter a number : ");

    scanf("%d",&i);

    while(i--)

    {

        printf("MySirG\n");

    }

}

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

#include<stdio.h>

int main()

{

    int n,i;

    printf("Enter a number : ");

    scanf("%d",&n);

    for ( i = 1; i <= n; i++)

        printf("%d ",i);

}

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

#include<stdio.h>

int main()

{

    int n,i;

    printf("Enter a number : ");

    scanf("%d",&n);

    for ( i = n; i > 0; i--)

        printf("%d ",i);

}

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

#include<stdio.h>

int main()

{

    int n,i;

    printf("Enter a number : ");

    scanf("%d",&n);

    for ( i = 1; i < 2\*n; i+=2)

        printf("%d ",i);

}

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

#include<stdio.h>

int main()

{

    int n,i;

    printf("Enter a number : ");

    scanf("%d",&n);

    for ( i = (2\*n-1); i > 0 ; i-=2)

        printf("%d ",i);

}

6. Write a program to print the first N even natural numbers

#include<stdio.h>

int main()

{

    int n,i;

    printf("Enter a number : ");

    scanf("%d",&n);

    for ( i = 2; i <=2\*n ; i+=2)

        printf("%d ",i);

}

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

#include<stdio.h>

int main()

{

    int n,i;

    printf("Enter a number : ");

    scanf("%d",&n);

    for ( i = 2\*n; i > 0 ; i-=2)

        printf("%d ",i);

}

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

#include<stdio.h>

int main()

{

    int n,i;

    printf("Enter a number : ");

    scanf("%d",&n);

    for ( i = 1; i <= n ; i++)

        printf("%d ",i\*i);

}

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

#include<stdio.h>

int main()

{

    int n,i;

    printf("Enter a number : ");

    scanf("%d",&n);

    for ( i = 1; i <= n ; i++)

        printf("%d ",i\*i\*i);

}

10. Write a program to print a table of N

#include<stdio.h>

int main()

{

    int n,i,m;

    printf("Enter a number whose table you want to print : ");

    scanf("%d",&n);

    printf("Enter the limit : ");

    scanf("%d",&m);

    for ( i = 1; i <= m ; i++)

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

}