/\*Assignment - 5 A Job Ready Bootcamp in C++, DSA and IOT MySirG

More on Iterative Control Statements

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

#include<stdio.h>

int main()

{

    int n,i;

    printf("Enter a Number:-");

    scanf("%d",&n);

    for(i=1;i<=n;i++)

    {

        printf("MySirG\n");

    }

    return 0;

    }

/\*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\n",i);

    }

    return 0;

    }

/\*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>=1;i--)

    {

        printf("%d\n",i);

    }

    return 0;

    }

/\*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<=n;i++)

    {

        if(i%2)

        printf("%d\n",i);

    }

    return 0;

    }

/\*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=n;i>=1;i--)

    {

        if(i%2)

        printf("%d\n",i);

    }

    return 0;

    }

/\*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=1;i<=n;i++)

    {

        if(i%2==0)

     printf("%d\n",i);

    }

    return 0;

    }

/\*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=n;i>=1;i--)

    {

        if(i%2==0)

     printf("%d\n",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=1;i<=n;i++)

    {

        printf(" The Square of %d is %d\n",i,i\*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=1;i<=n;i++)

    {

        printf(" The Cube of %d is %d\n",i,i\*i\*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:-");

    scanf("%d",&n);

    for(i=1;i<=10;i++)

    {

        printf("%d\n",n\*i);

    }

    return 0;

}