Assignment 5

Question 1

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

#include<stdio.h>

int main()

{

    int i,n;

    printf("Enter an number : \n");

    scanf("%d",&n);

    for(i=1;i<=n;i++)

    {

        printf("MySirG\n");

    }

    return 0;

}

Question 2

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

#include<stdio.h>

int main()

{

    int i,n;

    printf("Enter an number : ");

    scanf("%d",&n);

    for(i=1;i<=n;i++)

    {

        printf("%d\n",i);

    }

    return 0;

}

Question 3

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

#include<stdio.h>

int main()

{

    int i,n;

    printf("Enter an number : ");

    scanf("%d",&n);

    for(i=10;i>=1;i--)

    {

        printf("%d\n",i);

    }

    return 0;

}

Question 4

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

#include<stdio.h>

int main()

{

    int i,n;

    printf("Enter an number : ");

    scanf("%d",&n);

    for(i=1;i<=n;i++)

    {

        printf("%d\n",i\*2-1);

    }

    return 0;

}

Question 5

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

#include<stdio.h>

int main()

{

    int i,num;

    printf("Enter an number : ");

    scanf("%d",&num);

    for(i=10;i>=1;i--)

    {

        printf("%d\n",i\*2-1);

    }

    return 0;

}

Question 6

//Write a program to print the first N even natural numbers

#include<stdio.h>

int main()

{

    int i,num;

    printf("Enter an number : ");

    scanf("%d",&num);

    for(i=1;i<=num;i++)

    {

        printf("%d\n",i);

    }

    return 0;

}

Question 7

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

#include<stdio.h>

int main()

{

    int i,num;

    printf("Enter an number : ");

    scanf("%d",&num);

    for(i=10;i>=1;i--)

    {

        printf("%d\n",i\*2);

    }

    return 0;

}

Question 8

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

#include<stdio.h>

int main()

{

    int i,num;

    printf("Enter an number : ");

    scanf("%d",&num);

    for(i=1;i<=num;i++)

    {

        printf("%d\n",i\*i);

    }

    return 0;

}

Question 9

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

#include<stdio.h>

int main()

{

    int i,num;

    printf("Enter an num : ");

    scanf("%d",&num);

    for(i=1;i<=num;i++)

    {

        printf("%d\n",i\*i\*i);

    }

    return 0;

}

Question 10

//Write a program to print a table of N.

#include<stdio.h>

int main()

{

    int i,num;

    printf("Enter an number : ");

    scanf("%d",&num);

    for(i=1;i<=10;i++)

    printf("%d\n",i\*num);

return 0;

}