//Assignment - 4 A Job Ready Bootcamp in C++, DSA and IOT

                //Iterative Control Statements

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

#include<stdio.h>

int main()

{

    int i ;

    for(i=1;i<=5;i++)

    {

        printf("MySirG\n");

    }

    return 0;

}

//2. Write a program to print the first 10 natural numbers.

#include<stdio.h>

int main()

{

    int i=1;

while(i<=10)

{

    printf("%d",i);

    printf("\n");

    i++;

}

return 0;

}

//3. Write a program to print the first 10 natural numbers in reverse order

#include<stdio.h>

int main()

{

    int i;

    for(i=10;i>=1;i--)

    printf("%d\n",i);

    return 0;

}

// 4. 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\n",2\*i-1);

    }

    return 0;

}

//5. Write a program to print the first 10 odd natural numbers in reverse order.

#include<stdio.h>

int main()

{

    int i;

    for(i=10;i>=1;i--)

    {

        printf("%d\n",2\*i-1);

    }

    return 0;

}

//6. 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\n",2\*i);

    }

    return 0;

}

//7. Write a program to print the first 10 even natural numbers in reverse order

#include<stdio.h>

int main()

{

    int i;

    for(i=10;i>=1;i--)

    {

        printf("%d\n",i\*2);

    }

    return 0;

}

//8. Write a program to print squares of the first 10 natural numbers

#include<stdio.h>

int main()

{

    int i;

    for(i=1;i<=10;i++)

    {

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

    }

    return 0;

}

//9. Write a program to print cubes of the first 10 natural numbers

#include<stdio.h>

int main()

{

    int i;

    for(i=1;i<=10;i++)

    {

        printf("The Cubes of %d is %d\n",i,i\*i\*i);

    }

    return 0;

}

//10. Write a program to print a table of 5.

#include<stdio.h>

int main()

{

    int i;

    for(i=1;i<=10;i++)

    {

        printf("%d\n",i\*5);

    }

    return 0;

}