**Assignment – 4 A Job Ready Bootcamp in C++, DSA and IOT MySirG**

*Iterative Control Statements*

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

#include<stdio.h>

int main()

{

    int i=1;

    while(i<=5)

    {

        printf("\nMySirG");

        i++;

    }

    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\n",i);

        i++;

    }

    return 0;

}

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

#include<stdio.h>

int main()

{

    int i=10;

    while(i>=1)

    {

        printf("%d\n",i);

        i--;

    }

    return 0;

}

//4. Write a program to print the first 10 odd natural numbers

#include<stdio.h>

int main()

{

    int i=0;

    while(i<=10)

    {

        if(i%2!=0)

        {

            printf("%d\n",i);

        }

        i++;

    }

    return 0;

}

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

#include<stdio.h>

int main()

{

    int i=10;

    while(i>=1)

    {

        if(i%2!=0)

        {

            printf("%d\n",i);

        }

        i--;

    }

    return 0;

}

//6. Write a program to print the first 10 even natural numbers

#include<stdio.h>

int main()

{

    int i=1;

    while(i<=10)

    {

        if(i%2==0)

        {

            printf("%d\n",i);

        }

        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=10;

    while(i>=1)

    {

        if(i%2==0)

        {

            printf("%d\n",i);

        }

        i--;

    }

    return 0;

}

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

#include<stdio.h>

int main()

{

    int i=1;

    while(i<=10)

    {

        printf("%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=1;

    while(i<=10)

    {

        printf("%d\n",i\*i\*i);

        i++;

    }

    return 0;

}

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

#include<stdio.h>

int main()

{

    int n,i=1;

    printf("Enter a numbers:");

    scanf("%d",&n);

    while(i<=10)

    {

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

        i++;

    }

    return 0;

}