**Assignment – 5 A Job Ready Bootcamp in C++, DSA and IOT MySirG**

***More on Iterative Control Statements***

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

#include<stdio.h>

int main()

{

    int i,n;

    printf("Enter the name:");

    scanf("%d",&n);

    for(i=0; i<=n; i++)

    {

        printf("MySirG");

    }

    return 0;

}

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

#include<stdio.h>

int main()

{

    int n,i;

    printf("Enter a numbers:");

    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 numbers:");

    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 numbers:");

    scanf("%d",&n);

    for(i=1; i<=n; i++)

    {

        if(i%2!=0)

        {

            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 numbers:");

    scanf("%d",&n);

    for(i=n; i>=1; i--)

    {

        if(i%2!=0)

        {

            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 numbers:");

    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 numbers:");

    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 n,i;

    printf("Enter a numbers:");

    scanf("%d",&n);

    for(i=1; i<=n; i++)

    {

        printf("%d = %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 n,i;

    printf("Enter a numbers:");

    scanf("%d",&n);

    for(i=1; i<=n; i++)

    {

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

    }

    return 0;

}

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

#include<stdio.h>

int main()

{

    int n,i;

    printf("Enter a numbers:");

    scanf("%d",&n);

    for(i=1; i<=10; i++)

    {

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

    }

    return 0;

}