

National University of Science and technology (NUST)

CS-114 - Fundamental of Programing Lab Manual # 03

Course Instructor: Dr Jawad Khan

Lab Instructor: Muhammad Affan

Student name: Hashir Tariq

QALAM ID: 471240

Date: 09/10/2023

TASK 1:

```
#Include <iostream>
include <ios
```

TASK 2:

```
#include (iostream)
using namespace std;
int main()[
int aj
coutcc*Enter a number: "j
coutcc*Enter a number: p

coutcc*Ent
```

TASK 3:

TASK 4:

```
#include sinstreams

using masespace std;
int main(){

the main/stand all problems and all problems are all
```

TASK 5:

```
#include <iostream>
using namespace std;
int main(){
    int year;
    cout<<"Enter the Year : ";
    cin>>year; /taking 'year' as input from user
    if (year % a-we){//using if logic to check if provided year is divisible by '4'
    cout<<"It is a Leap Year"<<endl;/if year is divisible by 4 then printed this
}

10 = else{//if the year is not divisible by 4 then
    cout<<"It is not a leap year"<<endl;//prinnted this statement
}

return 0;
}

**C\Users\ADMIN\OneDrive\Documents\Leap Year.exe

Enter the Year : 43
It is not a leap year

**Process exited after 13.26 seconds with return value 0

Press any key to continue . . .

**Process exited after 13.26 seconds with return value 0

Press any key to continue . . .
```