# Amity University, Rajasthan

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PROGRAMME :- B.Tech(CSE)

BATCH – 2020-2024

SECTION :- B

ENROLLMENT NO:- A20405220102

**1.Write C ++ program to find largest number among three numbers.**

**Code:**

#include <iostream>

using namespace std;

int main()

{

    int n,m,x;

    cout<<"Enter three number"<<endl;

    cin>>n>>m>>x;

    if(n>m && (n>x))

    {

        cout<<"first is greter"<<endl;

    }

    if(m>x)

    {

       cout<<"second is greter"<<endl;

    }

    else{

        cout<<"third is greter"<<endl;

    }

return 0;

}

**Output:**

Enter three number

1

5

3

second is greater

You was in Arpit Agarwal World

**2.Write a C++ program to check the leap year.**

**Code:**

#include <iostream>

using namespace std;

int main()

{

    int year;

    cout << "Enter a year: ";

    cin >> year;

    if (year % 4 == 0)

    {

        if (year % 100 == 0)

        {

            if (year % 400 == 0)

                cout << year << " is a leap year."<<endl;

            else

                cout << year << " is not a leap year."<<endl;

        }

        else

            cout << year << " is a leap year."<<endl;

    }

    else

        cout << year << " is not a leap year."<<endl;

    return 0;

    cout << "You was in Arpit Agarwal World";

    return 0;

}

**Output:**

Enter a year: 2004

2004 is a leap year.

Enter a year: 1900

1900 is not a leap year.