**C++ Program to check Armstrong Number.**

**#include<iostream>**

**using namespace std;**

**class armstrong**

**{**

**int remainder,result=0,original\_number,number;**

**public:**

**void input()**

**{**

**cout<<"enter the value of number=";**

**cin>>number;**

**}**

**void output()**

**{**

**original\_number = number;**

**while (original\_number != 0)**

**{**

**remainder = original\_number%10;**

**result += remainder\*remainder\*remainder;**

**original\_number /= 10;**

**}**

**if(result == number)**

**{**

**cout<<""<<number<<" is an Armstrong number.";**

**}**

**else**

**{**

**cout<<""<<number<<" is not an Armstrong number.";**

**}**

**}**

**};**

**main()**

**{**

**armstrong a;**

**a.input();**

**a.output();**

**}**