**Exercise 7**

*For this exercise we learn to use bit-wise operators. Write a program that reads an unsigned value from the standard input stream.*

#include <iostream>

using namespace std;

int main() {

//Declare value

int value;

//Retrieve value from input stream

cin >> value;

//Print text to output stream

cout << "the value x is "

//Test for exact power of two and print to output stream

<< (( value & (value-1)) == 0 ? "" : "not ")

//Finish printing to output stream

<< "an exact power of two" << "\n";

}