

```
import java.util.*;

class Day16 {

    public static boolean isPerfectNumber(int num) {

        if (num <= 0) {

            return false;

        }

        int sum = 0;

        for (int i = 1; i <= num / 2; i++) {

            if (num % i == 0) {

                sum += i;

            }

        }

        return sum == num;

    }

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        int number = sc.nextInt();

        if (isPerfectNumber(number)) {

            System.out.println(number + " is a perfect number.");

        } else {

            System.out.println(number + " is not a perfect number.");

        }

    }

}
```