Day 16 coding Statement : Write a program to identify if the number is Perfect number or not

Description

Get the input from the user and check whether that number is a perfect number or not.

E.g. Let number is 28, factors of 28 are 1,2,4,7,14. Now the sum of all these factors are 28 itself.

Input

28

Output

Perfect Number

Input

4

Output

Not a perfect number

```java
import java.util.Scanner;

public class RatanPrajapati_day16 {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int num = sc.nextInt();
        int sum = 0;
        for (int i = 1; i < num; i++) {
            if (num % i == 0) {
                sum += i;
            }
        }
        if (sum == num) {
            System.out.println("Perfect Number");
        } else {
            System.out.println("Not a perfect number ");
        }
    }
}
```