**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

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 ");

        }

    }

}