

**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 Program {

    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("Perfect Number");
        }
    }
}
```