

```
import java.util.*;
public class Main
{
    public static void main(String[] args) {
        Scanner sc=new Scanner(System.in);
        int n;
        int sum=0;
        System.out.println("Enter number");
        n=sc.nextInt();
        int i=1;
        while(i<=n/2)
        {
            if(n%i == 0)
            {
                sum=sum+i;
            }
            i++;
        }
        if(sum == n)
        {
            System.out.println("perfect number");
        }
        else{
            System.out.println("not a perfect number");
        }
    }
}
```