30.import java.util.*;

```java
public class DAY4PERFECTNUMBERS{
   public static boolean checkInt(String s){
      try{
         int x = Integer.parseInt(s);
         return true;
      }
      catch(NumberFormatException e){
         System.out.println("Enter a Valid Number");
         return false;
      }
   }
   public static void main(String[] Args){
      Scanner sc = new Scanner(System.in);

      System.out.println("Enter a Number : ");
      String n = sc.nextLine();

      if(checkInt(n) == true){
         int num = Integer.parseInt(n);
         int sum = 0;
         for(int i = 1;i<num;i++){
            if(num%i==0){
               sum=sum+i;
            }
         }
         if(sum == num){
            System.out.println("The Entered Number is a PERFECT Number. ");
         }
         else{
            System.out.println("The Entered Number is not a PERFECT Number. ");
         }
      }
   }
}
```

Output   Cle

```
java -cp /tmp/uPF9Y7zRHl DAY4PERFECTNUMBERS
Enter a Number : 4
The Entered Number is not a PERFECT Number.
```