```java
 1 package assess2;
 2 import java.util.Scanner;
 3
 4 interface advancedarithmetic
 5 {
 6
 7     void div();
 8 }
 9 class mycalculator implements advancedarithmetic
10 {
11
12     @Override
13     public void div() {
14
15         Scanner s=new Scanner(System.in);
16         System.out.println("Enter the number:");
17         int n=s.nextInt();
18         int j = 0;
19             for(int i = 1; i <= n; i++) {
20                 if (n % i == 0) {
21                     j = j + i;
22                 }
23
24
25             }
26         System.out.println("The Sum Of The Divisors is:
    ");
27         System.out.println(j);
28
29     }
30 }
31
32 public class q1 {
33     public static void main(String[] args) {
34         // TODO Auto-generated method stub
35         mycalculator c1=new mycalculator();
36         c1.div();
37
38     }
39
```

```
40 }
41
```