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Experiment 12: Program on Exception handling

Code:

```
1 import java.util.Scanner;
2 class Experiment12
3 {
4     public static void main(String args[])
5     {
6         Scanner sc = new Scanner(System.in);
7         int sum = 100;
8         int total;
9         double fraction = 0;
10        try
11        {
12            System.out.println("Enter the total attainable marks: ");
13            total = sc.nextInt();
14            fraction = (double)sum / (double)total;
15            System.out.println("sum / total is: " + fraction);
16        }
17        catch(ArithmeticException e)
18        {
19            System.out.println("Dividing by zero isn't possible");
20        }
21        finally
22        {
23            System.out.println("sum / total is: " + fraction);
24        }
25    }
26 }
```

## Output:

```
Enter the Number of items:
0
Dividing by zero isn't possible
The number of items entered was: 0

Enter the Number of items:
5
The number of items entered was: 5
```