**Computing Area of Triangle**

**4) BVA and ECP for AREA OF TRIANGLE**

**Lower bound – 1**

**Upper bound – 50**

**No.of inputs – 3**

LB-1=0 invalid

UB+1=51 invalid

( not acceptable values )

LB+1 =2 valid

UB-1=49 valid

(Acceptable values )

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Task id** | **Input1(A)** | **Input2(B)** | **Input3(C)** | **condition** | **Expected output** |
| T\_01 | 3 | 6 | 3 | A>(B+C) | 44 |
| T\_02 | 6 | 3 | 3 | B>(A+C) | 44 |
| T\_03 | 3 | 6 | 3 | C>(A+B) | 44 |
| T\_04 | 5 | 5 | 10 | C=(A+B) | Re- enter the input |
| T\_05 | 10 | 5 | 5 | A=(B+C) | Re-enter the input |
| T\_06 | -3 | 2 | 3 | Mismatch | In-valid input |

**1.Leave Tracking System**

**Test-case:1**  
1.type of issue-health  
2.from (LBC=03/04/2008) - 03/04/2008, first half  
lbc+1=04/04/2008 -pass  
lbc-1=02/04/2008 -fail  
lbc=03/04/2008 -pass  
-->pass(sanction)  
[to](http://3.to/)(UBC=05/04/2008)-04/04/2008-first half  
ubc+1=06/04/2008 -fail  
ubc-1=04/04/2008 -pass  
ubc=05/04/2008 -pass  
  
4.reason-xyz  
  
**Test Case:2**

1.type of issue-casual  
2.from(LBC=03/04/2008) - 04/04/2008,second half  
lbc+1=04/04/2008 -pass  
lbc-1=02/04/2008 -fail  
lbc=03/04/2008 -pass  
-->pass(sanction)  
[3.to](http://3.to/)(UBC=05/04/2008)-05/04/2008-first half  
ubc+1=06/04/2008 -fail  
ubc-1=04/04/2008 -pass  
ubc=05/04/2008 -pass  
  
4.reason-xyz  
  
**Test-case:3**  
1.type of issue-health  
2.from(LBC=03/04/2008) - 03/04/2008,first half  
lbc+1=04/04/2008 -pass  
lbc-1=02/04/2008 -fail  
lbc=03/04/2008 -pass  
-->fail(not sanction)  
[3.to](http://3.to/)(UBC=05/04/2008)-07/04/2008-first half  
ubc+1=06/04/2008 -fail  
ubc-1=04/04/2008 -pass  
ubc=05/04/2008 -pass  
4.reason-xyz