**01. Question:**

**Answer:**

We know the formula for BVA

|  |  |  |
| --- | --- | --- |
| Min-1 | Min,Min+1,Min+2…Minimal...Max | Max+1 |
| 5 | 6,7,8,9,10,11,12 | 13 |

Minimum Boundary: 6

Just Below Minimum: 5

Just Above Minimum: 7

Maximum Boundary: 12

Just Below Maximum: 11

Just Above Maximum: 14

**Test Case:**

|  |  |  |
| --- | --- | --- |
| Test Case | Input Length | Result |
| TC01 | 2 | Invalid |
| TC02 | 4 | Invalid |
| TC03 | 6 | Valid |
| TC04 | 8 | Valid |
| TC05 | 12 | Valid |
| TC06 | 13 | Invalid |
| TC07 | 25 | Invalid |

**02. Question:** Apply Boundary Value Analysis for a system that issue a driving license to user age.

**Answer:**

We know the formula for BVA

|  |  |  |
| --- | --- | --- |
| Min-1 | Min,Min+1,Min+2…Minimal...Max | Max+1 |
| 17 | 18,19,20,21,22……..45……..60 | 61 |

Minimum Boundary: 18

Just Below Minimum: 17

Just Above Minimum: 19

Maximum Boundary: 60

Just Below Maximum: 59

Just Above Maximum: 61

**Test Case:**

|  |  |  |
| --- | --- | --- |
| Test Case | Input Length | Result |
| TC01 | 15 | Invalid |
| TC02 | 17 | Invalid |
| TC03 | 18 | Valid |
| TC04 | 23 | Valid |
| TC05 | 32 | Valid |
| TC06 | 48 | Valid |
| TC07 | 60 | Valid |
| TC08 | 61 | Invalid |
| TC09 | 77 | Invalid |