**White-Box Testing**



1. Branch testing

**Test #1**

* C4: x = 2
* C4: y = 2

**Test #2**

* C4: x = 4
* C5: y = 5

1. Multiple Conditional testing

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Case** | **a[i] == x** | **a[i] == y** | **R** |
| #1 | T | T | x = 2, y = 2; |
| #2 | T | F | x = 2, y = 5 |
| #3 | F | T | x = 4, y = 2 |
| #4 | F | F | x = 4, y = 5 |