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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Case ID | Path | Decision | | | | | | | | | | | Input | | | Expected Output |
| 2 | 4 | 6 | 8 | 9 | 11 | 13 | 15 | 17 | 19 | 21 | A | B | C |
| TC01 | 1-2-4-6-7-8-24 | F | F | T | F | - | - | - | - | - | - | - | 201 | 1 | 1 | A out of range |
| TC02 | 1-2-4-5-6-8-24 | F | T | F | F | - | - | - | - | - | - | - | 1 | 201 | 1 | B out of range |
| TC03 | 1-2-3-4-6-8-24 | T | F | F | F | - | - | - | - | - | - | - | 1 | 1 | 201 | C out of range |
| TC04 | 1-2-4-6-8-9-11-13-14-24 | F | F | F | T | F | F | T | - | - | - | - | 1 | 2 | 5 | Not a triangle |
| TC05 | 1-2-4-6-8-9-11-12-24 | F | F | F | T | F | T | - | - | - | - | - | 1 | 5 | 2 | Not a triangle |
| TC06 | 1-2-4-6-8-9-10-24 | F | F | F | T | T | - | - | - | - | - | - | 5 | 2 | 1 | Not a triangle |
| TC07 | 1-2-4-6-8-9-11-13-15-16-24 | F | F | F | T | F | F | F | T | - | - | - | 3 | 3 | 3 | Equilateral |
| TC08 | 1-2-4-6-8-9-11-13-15-17-18-24 | F | F | F | T | F | F | F | F | T | - | - | 3 | 3 | 4 | Isosceles |
| TC09 | 1-2-4-6-8-9-11-13-15-17-19-21-22-24 | F | F | F | T | F | F | F | F | F | F | T | 3 | 4 | 3 | Isosceles |
| TC10 | 1-2-4-6-8-9-11-13-15-17-19-20-24 | F | F | F | T | F | F | F | F | F | T | - | 4 | 3 | 3 | Isosceles |
| TC11 | 1-2-4-6-8-9-11-13-15-17-19-21-23-24 | F | F | F | T | F | F | F | F | F | F | F | 3 | 4 | 5 | Scalene |