Testbenching Report for xor2

Table of Contents

Testbench Summary

Component	Total Tests	Passed	Failed
xor2_	4	4	0

Testbench for xor2 with parameter(s)

Total tests: 4

Passed tests: 4

Failed tests: 0

Test Case	Input i0	Input i1	Output o (Actual)	Expected o	Status
0	1 (bin) / 1 (dec)	1 (bin) / 1 (dec)	0 (bin) / 0 (dec)	0 (dec)	Passed
1	1 (bin) / 1 (dec)	0 (bin) / 0 (dec)	1 (bin) / 1 (dec)	1 (dec)	Passed
2	0 (bin) / 0 (dec)	1 (bin) / 1 (dec)	1 (bin) / 1 (dec)	1 (dec)	Passed
3	0 (bin) / 0 (dec)	0 (bin) / 0 (dec)	0 (bin) / 0 (dec)	0 (dec)	Passed

Rule: Xor2Rule

Input Variables: i0, i1

Output Variables: o

Bit Width: 8

Pattern: StringMatchPattern

```
def matches(self, filename):
    #print(self.pattern, filename)
    return self.pattern == filename
```

Generate expected values function:

```
def generate_expected(self, test_case):
    return {"o": test_case["i0"] ^ test_case["i1"]}
```