Experiment 2

Code:

```
def XOR (a, b):
        if a != b:
                return 1
        else:
                return 0

# Driver code
if __name__=='__main__':
        print(XOR(5, 5))

        print("+---------------+----------------+")
        print(" | XOR Truth Table | Result |")
        print(" A = False, B = False | A XOR B =",XOR(False,False)," | ")
        print(" A = False, B = True | A XOR B =",XOR(False,True)," | ")
        print(" A = True, B = False | A XOR B =",XOR(True,False)," | ")
        print(" A = True, B = True | A XOR B =",XOR(True,True)," | ")
```

Output: