Instructions

➔ Please write all the programs on a document file and upload it for evaluation.

➔ Please do not write any type of source code in the description box.

➔ The system will automatically check your submission against the predefined plagiarism detection criteria. Plagiarised answers will cause you to fail the assignment.

➔ You can submit your assignment in the form of a doc, text, or pdf file.

➔ Corrupted files will cause you to fail the assignment.

➔ Please ensure that you have written your name and email address on the answer document you have submitted.

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Challenging Task-Peer Assessment 1

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On what input of a and b this program will display "I win the game"? Find the value of a and b.

```
if (a & b >= 1) | (a^b <=1) :
    print("I win the game")

else:
    print("I lose the game")
```

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Challenging Task-Peer Assessment 2

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On what input of a and b this program will display "I win the game"? Find the value of a and b. And explain the logic of this program (Note: The order of evaluation and precedence of expression evaluation) .

```python
if (a & b >= 1) | (a^b <=1) :
    print("I win the game")

else:
    print("I lose the game")
```