Wade Rosko and Andrew Melvin

EXDS s20A

Professor Jayawant

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|  |  |  |
| --- | --- | --- |
| a | b | a and b |
| True | True | True |
| True | False | False |
| False | True | False |
| False | False | False |

Lab Assignment #1

1.

|  |  |  |
| --- | --- | --- |
| a | b | a or b |
| True | True | True |
| True | False | True |
| False | True | True |
| False | False | False |

|  |  |
| --- | --- |
| a | Not a |
| True | False |
| False | True |

2. It is true because i // j returns only the quotient and i / j returns only an integer when i and j are integers.

3. print(“5+3=”+5+3) gives an error message when the command is run because we are trying to add two different objects together. “5+3=” is a string object while 5+3 is an integer. The computer does not allow for the addition of two different objects. In order to avoid the error message, we apply the command str( ) to 5+3 so that portion of the command will now be treated as a string. Therefore we have the command print(“5+3=”+str(5+3)). When entered, this returns 5+3 = 8 which is what we were initially trying to get.