Arshia Bhattacharyya CMPM 17-02 2/16/25

Week 6 HW

Part 1:

Introduction Sequence



What does checkout do? Is there any difference between combining or calling commit and checkout commands separately?

Part 2:

38 (1)	38 (2)
29 (3)	34 (4)

(1):
$$1*1 + 3*3 + 3*3 + 0*0 + 2*2 + 1*1 + 1*1 + 2*2 + 3*3 = 1 + 9 + 9 + 0 + 4 + 1 + 1 + 4 + 9 = 10 + 13 + 2 + 13 = 23 + 15 = 38$$

(2):
$$3*1 + 3*3 + 2*3 + 2*0 + 1*2 + 1*1 + 2*1 + 3*2 + 3*3 = 3 + 9 + 6 + 0 + 2 + 1 + 2 + 6 + 9 = 12 + 6 + 3 + 8 + 9 = 18 + 11 + 9 = 18 + 20 = 38$$

(3):
$$0*1 + 2*3 + 1*3 + 1*0 + 2*2 + 3*1 + 0*1 + 2*2 + 3*3 = 0 + 6 + 3 + 0 + 4 + 3 + 0 + 4 + 9 = 9 + 7 + 13 = 16 + 13 = 29$$

$$(4)$$
: $2*1 + 1*3 + 1*3 + 2*0 + 3*2 + 3*1 + 2*1 + 3*2 + 3*3 = 2 + 3 + 3 + 0 + 6 + 3 + 2 + 6 + 9 = 5 + 9 + 5 + 15 = 14 + 20 = 34$