Task 4:

1.

Transaction 1	Transaction 2

DECLARE
  avg_freight ORDERS.freight%TYPE;
 	
BEGIN
  SELECT AVG(freight)
  INTO avg_freight
  FROM ORDERS
  WHERE order_id IN (383,384,385);
 	
  UPDATE ORDERS
  SET freight = (freight + avg_freight)/2
  WHERE order_id = 384;
  COMMIT;
END;
/	

	DECLARE
	  avg_freight ORDERS.freight%TYPE;
	
	BEGIN
	  SELECT AVG(freight)
	  INTO avg_freight
	  FROM ORDERS
	  WHERE order_id IN (381,382,383,384,385);
	
	  UPDATE ORDERS
	  SET freight = (freight + avg_freight)/2
	  WHERE order_id IN (383, 384);
	  COMMIT;
	END;
	/

2. Transaction 2 corrupts a database as Transaction 1 modifies and commits data that Transaction 2 is accessing.