Corrections for Tutorial Answers

Tutorial 1

Q5. (a) ~~56~~ 59

Q11. (a) ~~5.89~~ 5.1

Tutorial 4

Q6. ~~0.4767~~ 0.4764

Tutorial 5

Q4. *Answers given based on normal distribution. Refer to lecture note pg.6.

Q6. (b) *Answers given based on normal distribution and then you find σ.
You can use t distribution and the answer would be slightly different.

Q11. *Cancel this question

Q15. ~~Reject~~ Do not reject

Tutorial 6

Q1. (b) ~~199.85,$57.35~~,207.2,0.7232
149.85, 57.35, 207.2, 0.7232

(c) (0.45, ~~0.679~~, yes
(0.45, 0.67), yes

Q2. (b) reject H_0

Q3. (b) *Answers given earlier based on calculation on Excel.
With computational formula, using $\hat{\beta}_1 = 1.36$, you should be able to get
187179.52, 16531.6, 203711.12

Q4. *There is a typo, Q3 jumps to Q5 instead.

Q5. (c) $\hat{y} = ~~58.9874~~ + 1.9896x$
$\hat{y} = 58.9868 + 1.9896x$

(f) ~~0.5714~~, 0.3778
0.614690, 0.3778