# CS2100 Tutorial 10
AY 24/25 Sem 2 — github/omgeta

Q1. (a.) 20

(b.) 14

(c.) Swap A and B to reduce delay between B and C

(d.) $2 + (4 \times 18) + 9 = 83$

(e.) $2 + (4 \times 12) + 6 = 56$

Q2. (a.) Min $= 3 + 100 \times 12 = 1203$, Max $= 3 + 100 \times 13 = 1303$

(b.) Due to control: 2, 4, 11, 13
Due to data: 8, 10, 17

(c.) 24

(d.) 26

Q3. (a.) 20

(b.) +24

(c.) +20

(d.) +4

(e.) Move I14 between I11 and I12