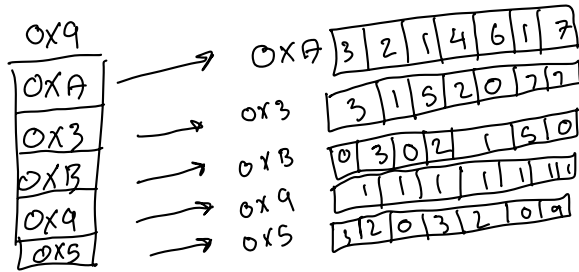


Shaan Sekhon

Task 4

a)



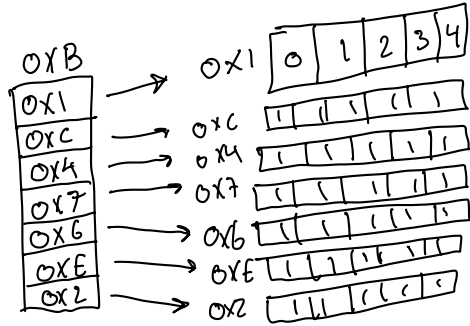
$p2r = 8 \text{ bits}$

$int = 4 \text{ bits}$

$$\left[\begin{array}{cc} (8 \times 5) & + & (4 \times 7) \\ p2rs & & ints \end{array} \right] \text{ bits}$$

$$40 + 140 = 180 \text{ bits}$$

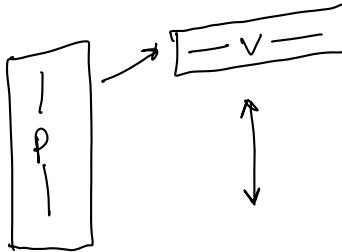
b)



$8(7) + 4(5) \times 7 \text{ bits}$

$$56 + 140 = 196 \text{ bits}$$

c)



$$P(8) + V(P) \text{ bits}$$

$P8 + PV \text{ bits or}$

$$P(V+8) \text{ bits}$$