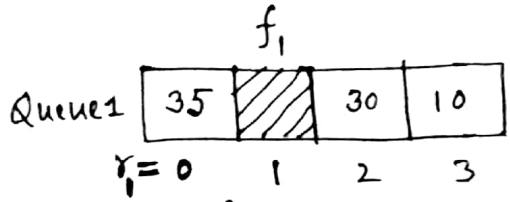
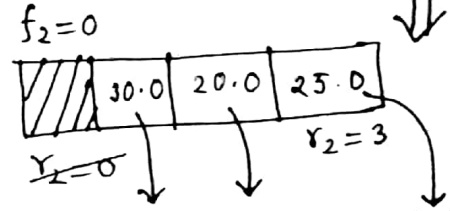
cumulative Moving Average Calculation

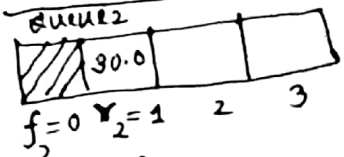
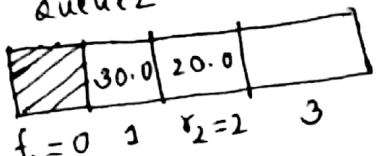
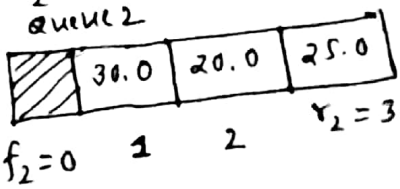



```
sum = 0; count = 1;
while (Queue1 ≠ empty)
{  x ⇐ Queue1;
   sum = sum + x;
   Queue2 ⇐ sum/count;
   count = count + 1;
}
```



$\frac{30}{1}$ $\frac{30+10}{2}$ $\frac{30+10+35}{3}$ [J]

Mechanism: count = 1

Queue1 ≠ empty	x ⇐ Queue1	sum = sum + x	Queue2 ⇐ sum/count	count
True	x = 30	sum = 0 + 30 = 30		2
True	x = 10	sum = 30 + 10 = 40		3
True	x = 35	sum = 40 + 35 = 75		4