```
First, create an variable n // n to store number of customers.
List Service[n]; // to store service time of each customer.
Using a for loop to store the service customer
Then sort the service list

Ti[n]; // Ti to store completion time of each customer.

for(int j=1; j<n; j++) {
    Ti[j] = Ti[j-1] + Si[j]; // calculating finishing time

Sum = 0</pre>
```

This algorithm calculates the average completion time after sorting in ascending order. As a result, it employs a greedy strategy.

The running time would be O(logn)

for(int j=0; j<n; j++) {
 sum += Ti[j];

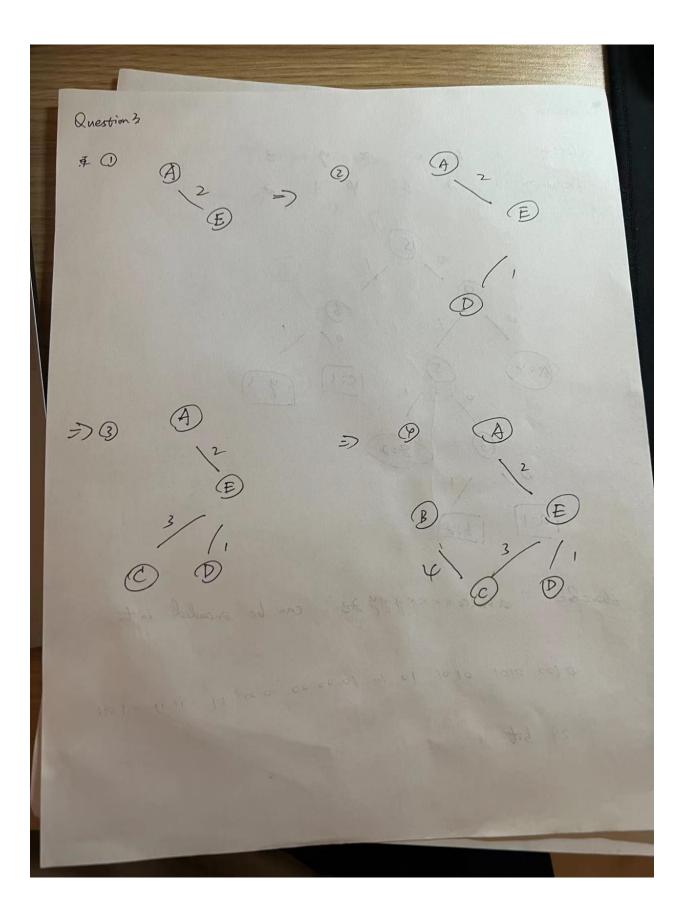
Average = sum / n

//Then calculate the average

Question 2

Question J. letter a b c x y z therefore "assecuxxxxyyy 22" can be encoded int 0 (00 2/01 01 01 01 01 01 00 00 00 00 11 11 11 011 01) 38 5it.

Question 3



Question 4

Question 4.

The order of edges will be CD => AE => AC => AB.

