

# ASSIGNMENT 1

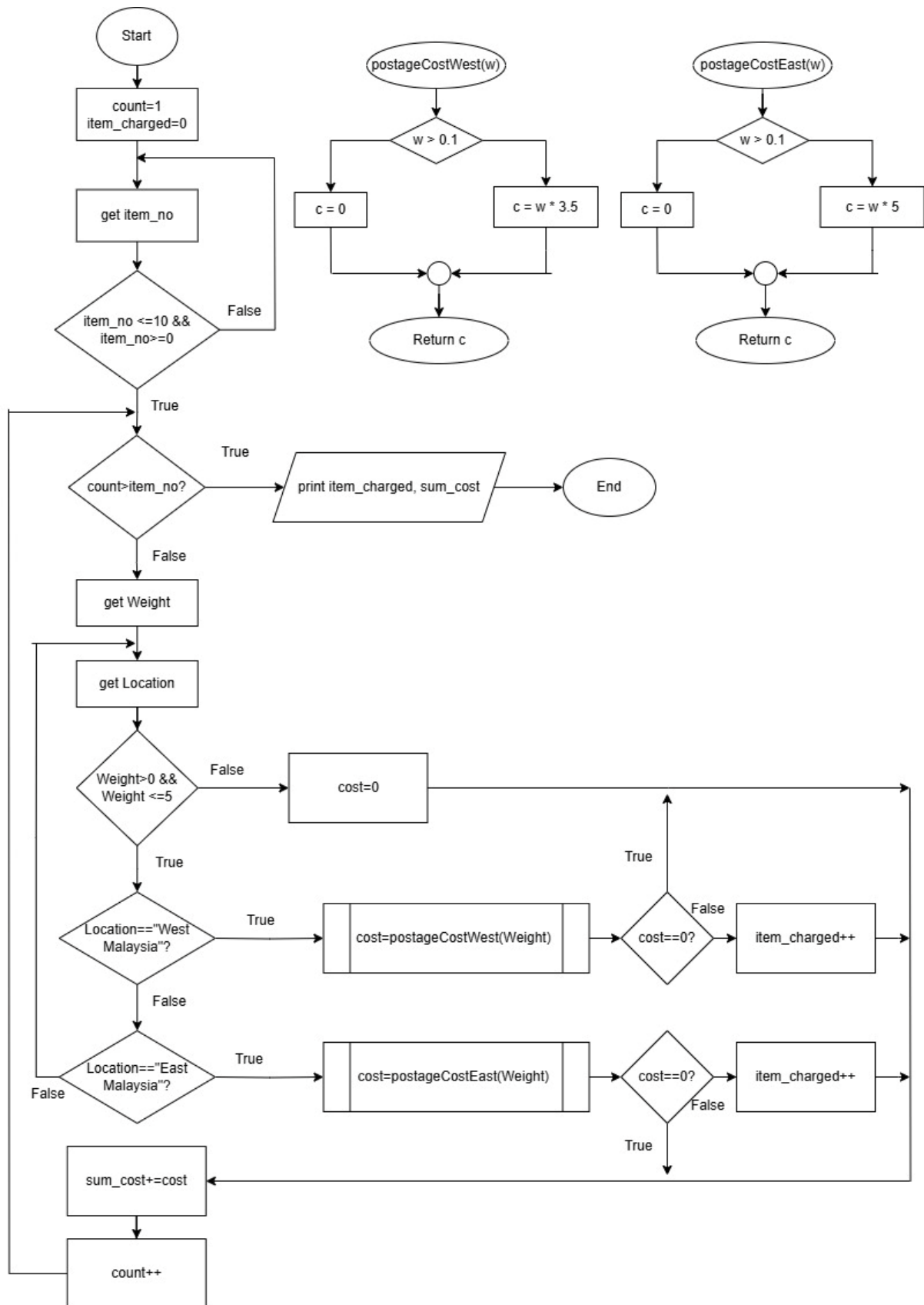
TOPIC 1-3 GROUP MEMBER'S (MATRIC NO):

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SECTION: 05

# QUESTION 1:



## QUESTION 2:

### pseudo code

1. Start
2. Get name, id, code
  - 3.1 if (code=='G')
    - 3.1.1 Get fixed\_salary, category
      - 3.1.2.1 if (category=='P')
        - 3.1.2.1.1 net\_salary=fixed\_salary
        - 3.1.2.2 else if (category =='B')
          - 3.1.2.2.1 get overtime
            - 3.1.2.2.1.1 if (overtime>0 && overtime<=10)
              - 3.1.2.2.1.1.1 overtime\_salary = overtime \* 15
              - 3.1.2.2.1.2 else if (overtime>10 && overtime<=20)
                - 3.1.2.2.1.2.1 overtime\_salary = 150 + (10-overtime)\*12
                - 3.1.2.2.1.3 else if (overtime>20)
                  - 3.1.2.2.1.3.1 overtime\_salary = 270
            - 3.1.2.2.2 net\_salary = fixed\_salary + overtime\_salary
          - 3.2 else if (code=='K')
            - 3.2.1 get category, hours
              - 3.2.1.1 if (category=='B')
                - 3.2.1.1.1 if (hours<=100)
                  - 3.2.1.1.1.1 net\_salary=hours\*20
                  - 3.2.1.1.2 else if (hours>100)
                    - 3.2.1.1.2.1 net\_salary=2000
                - 3.2.1.2 else if (code=='S')
                  - 3.2.1.2.1 if (hours<=50 && hours>=0)
                    - 3.2.1.2.1.1 net\_salary=10\*hours
                    - 3.2.1.2.2 else if (hours<=100 && hours>=0)
                      - 3.2.1.2.2.1 net\_salary=500+(hours-50)\*5
                    - 3.2.1.2.3 else if (hours>100)

3.2.1.2.3.1 net\_salary=750

3.3 else if (code=='S')

3.3.1 get num\_toys, category

3.3.1.1 if (category=='B')

3.3.1.1.1 net\_salary=8\*num\_toys

3.3.1.2 else if (category=='S')

3.3.1.2.1 net\_salary=5\*num\_toys

3.3.1.3 else if (category=='K')

3.3.1.3.1 net\_salary=2\*num\_toys

4. Display name, id, net\_salary

5. End

## Flowchart

