ASSIGNMENT 1

PROGRAMMING TECHNIQUE 1

02-SECPH

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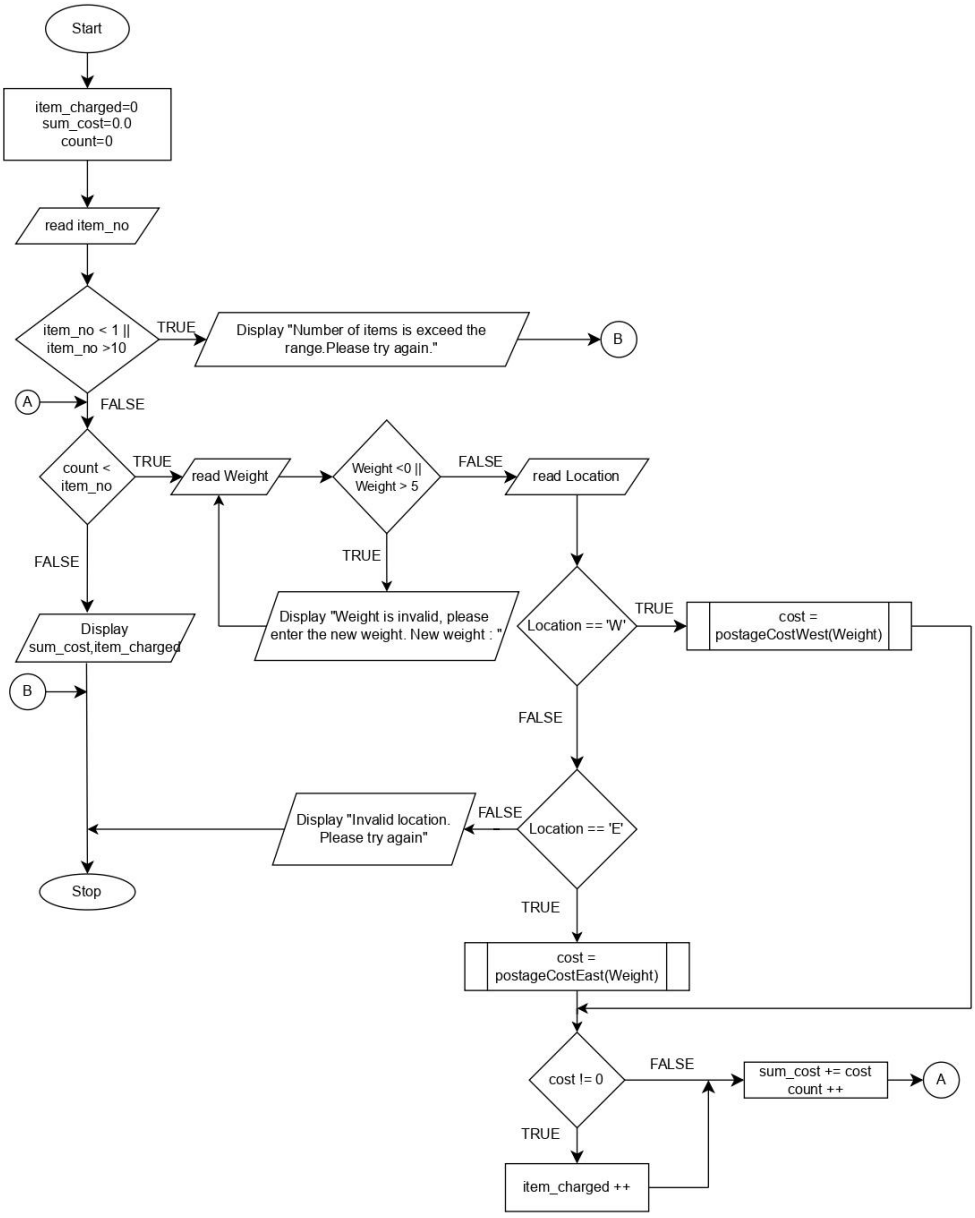
FLOWCHART QUESTION 1



PSEUDOCODE QUESTION 2

1. Start
2. Read name,employnum,employcode
3. If(employcode== 'G')
    3.1 Read catecode
        3.1.1 If(catecode=='P')
            3.1.1.1 Display" You are not allowed to claim overtime pay."
        3.1.2 Else if(catecode== 'B')
            3.1.2.1 Read hour
                3.1.2.1.1 If((hour>0)&&(hour<=10))
                    3.1.2.1.1.1 pay=hour*15
                3.1.2.1.2 Else if((hour>10)&&(hour<=20))
                    3.1.2.1.2.1 pay=150+(hour-10)*12
                3.1.2.1.3 Else
                    3.1.2.1.3.1.1 pay=(10*15)+(10*12)
        3.1.3 Else
            3.1.3.1 Display" Invalid code"
            3.1.3.2 Return 0
    3.2 Read fixsalary
    3.3 netsalary=fixsalary+pay
4. Else if(employcode=='K')
    4.1 Read contractcode
    4.2 Read hour
        4.2.1 If(contractcode=='B')
            4.2.1.1 If((hour>=0)&&(hour<=100))
                4.2.1.1.1 netsalary=hour*20
            4.2.1.2Else if(hour>100)
                4.2.1.2.1 netsalary=100*20
            4.2.1.3 Else
                4.2.1.3.1 Display" Invalid hour"
                4.2.1.3.2 Return 0
        4.2.2 Else if (contractcode=='S')

4.2.2.1 If((hour>=0)&&(hour<=50))

4.2.2.1.1 netsalary=hour*10

4.2.2.2 Else if((hour>50)&&(hour<=100))

4.2.2.2.1 netsalary=(50*10)+((hour-50)*5)

4.2.2.3 Else if(hour>100)

4.2.2.3.1 netsalary=((50*10)+(50*5))

4.2.2.4 Else

4.2.2.4.1 Display" Invalid hour"

4.2.2.4.2 Return 0

5. Else if(employcode=='S')

5.1 Read sizecode

5.2 Read num_toys

5.2.1 If(sizecode=='B')

5.2.1.1 netsalary=num_toys*8

5.2.2 Else if(sizecode=='S')

5.2.2.1 netsalary=num_toys*5

5.2.3 Else if(sizecode=='K')

5.2.3.1 netsalary=num_toys*2

5.2.4 Else

5.2.4.1 Display" Invalid size code"

5.2.4.2 Return 0

6. Else

6.1 Display" Invalid employee code"

6.2 Return

7. End If

8. Display name

9. Display employnum

10. Display netsalary

FLOWCHART QUESTION 2