# DCI1013: PROBLEM SOLVING

# Quiz 3
**10 minutes**
**10 marks (2.5%)**

**by**
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```
HotelReceipt
    Read (*roomType, * numberofDay)
    Calculate  (roomType, numberofDay, *roomCost)
    Print (roomType, numberofDay, roomCost)
End
Read (*roomType, *numberofDay)
    Input roomType
    Input numberofDay
Exit
Calculate  (roomType, numberofDay, *roomCost)
    if roomType ==singleRoom then
        roomPrice = 70
    elseif roomType ==doubleRoom then
        roomPrice = 80
    elseif roomType ==twimRoom
        roomPrice = 90
    EndIf
    roomCost = (roomPrice)*numberofDay
Exit
Print (roomType, numberofDay, roomCost)
    Print roomType
    Print numberofDay
    Print roomCost
Exit
```

Develop a suitable Coupling Diagram for the given algorithm.

*(10 marks)*

# Author Information

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