

# DCI1013: PROBLEM SOLVING

## Quiz 3

10 minutes

10 marks (2.5%)

by

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# Question 1

## **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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