Task 3: Pseudocode

```
//Task 3 - Making payments fairer.
DECLARE morningHours, eveningHours : INTEGER
DECLARE morningPrice : CURRENCY

morningHours = 0
eveningHours = 0
discountRate = 1
IF arrivalHour >= 16 THEN
    eveningHours = stayHours
    IF discount = True THEN discountRate = 0.5
ELSEIF departureHour < 16 THEN
    morningHours = stayHours
    IF discount = True THEN discountRate = 0.9
ELSEIF arrivalHour < 16 AND departureHour >= 16 THEN
    morningHours = 16 - arrivalHour
    eveningHours = stayHours - morningHours
    IF discount = True THEN discountRate = 0.9
End IF

morningPrice = 0
IF day = "Sunday" Or arrivalHour >= 16 THEN
    morningPrice = eveningPrice
ELSEIF day = "Saturday" THEN
    morningPrice = 3
Else
    morningPrice = 10
End IF

amount = (morningHours * morningPrice)
IF eveningHours > 0 THEN amount = amount + eveningPrice
amount = amount * discountRate
amount = ROUND(amount, 2)
```