

TABLE OF CONTENTS

	PAGE
The IPO Model of the Ferry Company -----	2 - 3
Pseudocodes -----	4 - 22
Ferry Time-Schedule -----	23
Ferry Passenger's Seat-Arrangement -----	24 - 26
Ferry Seats Available -----	26
Ferry Ticket Fare -----	27
References -----	28

The IPO Model of the Ferry Company

INPUTS	PROCESS	OUTPUTS
trip	Read trip Loop Display schedule Endloop Display destination	schedule destination
ferryNo deckNo seatNo	Loop Read ferryNo Read deckNo Read seatNo Endloop Assign ferry seat Determine ferry Seat Display ticketId	ticketId
return oneWay	Read return Read oneWay Assign ticketEntry Display ticketEntry	ticketEntry
individual familyPackage	Read individual Read familyPackage Determine ticket Display ticket	totalFerryPrice
noAdult noSeCitizen noChild price	Read noAdult Read noSeCitizen Read noChild Read price Determine ticket Determine addTicket calculate totalFerryPrice Display totalPrice	totalFerryPrice

meal salad fBuffet bread snacks teaCoffee fJuice wine	Read meal Read salad Read fBuffet Read bread Read snacks Read teaCoffee Read fJuice Read wine Calculate totalQuFoodDrinks Display totalQuFoodDrinks Display foodDrinks	totalQuFoodDrinks foodDrinks
foodDrinks price	Read foodDrinks Read price Calculate totalOrderPrice Display totalOrderPrice	totalOrderPrice
totalFerryPrice totalOrderPrice	Read totalFerryPrice Read totalOrderPrice Calculate overallPay Display overallPay	overallPay

Pseudocode

BEGIN

DECLARE destination, ticket, addTicket, foodDrinks, selectSeat AS CHAR

DECLARE ferryNo, seatNo, deckNo, ticketEntry, noAdult, noSeCitizen, noChild,
meal, salad, fBuffet, bread, snacks, teaCoffee, fJuice, wine, fTotalPeopleTravel,
totalQuFoodDrinks, ferryPenang[9][5][11] = { 0 }, ferryLangkawi[9][5][11] = { 0 } AS
INTEGERDECLARE i1WayTotalPrice, i234WayTotalPrice, fWayTotalPrice,
fAddWayTotalPrice, i1ReturnTotalPrice, i234ReturnTotalPrice, fReturnTotalPrice,
f234AddReturnTotalPrice, totalOrderPrice, nTotalOrderPrice AS DOUBLE

ASSIGN 1 TO ferryNo

ASSIGN 0 TO noAdult, noChild, noSeCitizen, fTotalPeopleTravel,
totalQuFoodDrinks, meal, salad, fBuffet, bread, snacks, teaCoffee, fJuice, wineASSIGN 0.00 TO i1WayTotalPrice, i234WayTotalPrice, fWayTotalPrice,
fAddWayTotalPrice, i1ReturnTotalPrice, i234ReturnTotalPrice, fReturnTotalPrice,
fAddReturnTotalPrice, totalOrderPrice, nTotalOrderPrice

DISPLAY "Welcome to The Ferry Travelling Company!"

DISPLAY NEWLINE

DISPLAY "Please enter your destination (L – Langkawi or P – Penang): "

READ destination

DOWHILE (destination <> 'L' OR destination <> 'l' OR destination <> 'P' OR
destination <> 'p')

DISPLAY "Sorry, there's no such destination! "

DISPLAY NEWLINE

DISPLAY "Please enter your destination (L – Langkawi or P – Penang): "

DISPLAY NEWLINE

READ destination

ENDDO

IF (destination == 'L' OR destination == 'l')

CALL displayLangkawiSchedule()

ELSE

IF (destination == 'P' OR destination == 'p')

CALL displayPenangSchedule()

ENDIF

ENDIF

DISPLAY NEWLINE

DISPLAY "Please enter your ferry number (1 to 8): F00"

```

READ ferryNo
DISPLAY NEWLINE
DOWHILE (ferryNo > 8 OR ferryNo < 1)
    DISPLAY "Sorry, your ferry number is incorrect..."
    DISPLAY NEWLINE
    DISPLAY "Please re-enter your ferry number (1 to 8): F00"
    READ ferryNo
ENDDO
DISPLAY "=====Please select your ferry seat
below:===== "
CALL displayFerrySeat (destination)
DISPLAY
"===== "
DISPLAY NEWLINE
DISPLAY "Ferry No: F00" ferryNo NEWLINE
DISPLAY "Deck No (Upper deck – 1 or Lower Deck – 2 to 4): "
READ deckNo
DOWHILE (deckNo > 4 OR deckNo <1)
    DISPLAY "Sorry, your deck number is invalid!"
    DISPLAY NEWLINE
    DISPLAY "Deck No: "
    READ deckNO
ENDDO
DISPLAY "Seat No (1 to 10): "
READ seatNo
DOWHILE (seatNo < 1 OR seatNo > 10)
    DISPLAY "Sorry, your seat number is invalid!"
    DISPLAY NEWLINE
    DISPLAY "Seat No: "
    READ seatNo
ENDDO
DISPLAY NEWLINE
DISPLAY " Ticket ID: F00" ferryNo "-" deckNo "-" seatNo "
DISPLAY NEWLINE
IF (destination == 'P' OR destination == 'p')

```

```
    IF (ferryPenang[ferryNo][deckNo][seatNo] == 0)
        ferryPenang[ferryNo][deckNo][seatNo] = 1
        displayFerrySeat(destination)
    ELSE
        DISPLAY NEWLINE
        DISPLAY "The seat is taken by someone!"
        DISPLAY "Please choose your seat again..."
    ENDIF
ENDIF
IF (destination == 'L' OR destination == 'I')
    IF (ferryLangkawi[ferryNo][deckNo][seatNo] == 0)
        ferryLangkawi[ferryNo][deckNo][seatNo] = 1
        displayFerrySeat(destination)
    ELSE
        DISPLAY NEWLINE
        DISPLAY "The seat is taken by someone!"
        DISPLAY "Please choose your seat again..."
    ENDIF
ENDIF
REPEAT
    DISPLAY NEWLINE
    DISPLAY "Do you want to continue to select your ferry seat? (Y/N): "
    READ selectSeat
    DOWHILE (!(selectSeat == 'Y' OR selectSeat == 'y' OR selectSeat == 'N' OR
selectSeat == 'n'))
        DISPLAY "Sorry, try again!"
        DISPLAY NEWLINE
        DISPLAY "Do you want to continue the selection of ferry seat? (Y/N): "
        READ selectSeat
    ENDDO
    IF ( selectSeat == 'Y' OR selectSeat == 'y')
        DISPLAY NEWLINE
        DISPLAY "Ferry No: F00" ferryNo
        DISPLAY "Deck No (Upper Deck - 1 or Lower Deck - 2 to 4): "
```

```
READ deckNo
DOWHILE (deckNo > 4 OR deckNo < 1)
    DISPLAY "Sorry, your deck number is invalid!"
    DISPLAY NEWLINE
    DISPLAY "Deck No: "
    READ deckNo
ENDDO
DISPLAY "Seat No (1 to 10): "
READ seatNo
DOWHILE (seatNo < 1 OR seatNo > 10)
    DISPLAY "Sorry, your seat number is invalid!"
    DISPLAY NEWLINE
    DISPLAY "Seat No: "
    READ seatNo
ENDDO
IF (destination == 'P' OR destination == 'p')
    IF (ferryPenang[ferryNo][deckNo][seatNo] == 0)
        ferryPenang[ferryNo][deckNo][seatNo] = 1
        displayFerrySeat(destination)
    ELSE
        DISPLAY NEWLINE
        DISPLAY "The seat is taken by someone!"
        DISPLAY "Please choose your seat again..."
    ENDIF
ENDIF
IF (destination == 'L' OR destination == 'l')
    IF (ferryLangkawi[ferryNo][deckNo][seatNo] == 0)
        ferryLangkawi[ferryNo][deckNo][seatNo] = 1
        displayFerrySeat(destination)
    ELSE
        DISPLAY NEWLINE
        DISPLAY "The seat is taken by someone!"
        DISPLAY "Please choose your seat again..."
    ENDIF
ENDIF
```

```
        ENDIF
        DISPLAY NEWLINE
        DISPLAY " Ticket ID: F00" ferryNo "-" deckNo "-" seatNo "
    ELSE
        IF (selectSeat == 'N' OR selectSeat == 'n')
            DISPLAY "Please continue your process..."
            DISPLAY NEWLINE
        ENDIF
    ENDIF
UNTIL (selectSeat == 'Y' OR selectSeat == 'y')
DISPLAY NEWLINE
DISPLAY "Please enter your ferry ticket's entry (One way - 1 or Return - 2): "
READ ticketEntry
DISPLAY NEWLINE
DOWHILE (!(ticketEntry == 1 OR ticketEntry == 2))
    DISPLAY "Sorry, try again!"
    DISPLAY NEWLINE
    DISPLAY "Please re-enter your ferry ticket's entry (One way - 1 or Return - 2): "
"
    READ ticketEntry
ENDDO
DISPLAY NEWLINE
IF (ticketEntry == 1)
    CALL oWayTicketPrice()
    CALL oneWayFamilyPackage()
ELSE
    IF (ticketEntry == 2)
        CALL returnTicketPrice()
        CALL returnFamilyPackage()
    ENDIF
ENDIF
ENDIF
DISPLAY NEWLINE
DISPLAY "Please select your ticket (Individual - I or Family Package - F): "
READ ticket
```


DISPLAY NEWLINE

IF (ticket == 'I' OR ticket == 'i')

 CALL selectTicket()

ELSE

 IF (ticket == 'F' OR ticket == 'f')

 DISPLAY "Are there any adult? (Y/N): Y"

 DISPLAY "Please enter the number of adult: 2"

 DISPLAY NEWLINE

 DISPLAY "Are there any senior citizen? (Y/N): N"

 DISPLAY "Please enter the number of senior citizen: 0"

 DISPLAY NEWLINE

 DISPLAY "Are there any child? (Y/N): Y"

 DISPLAY "Please enter the number of child: 2"

 DISPLAY NEWLINE

 DISPLAY "Do you need to add any ticket? (Y/N): "

 READ addTicket

 DISPLAY NEWLINE

 IF (addTicket == 'Y' OR addTicket == 'y')

 DISPLAY "Please enter the addition of adult: "

 READ noAdult

 DISPLAY NEWLINE

 DISPLAY "Please enter the addition of senior citizen: "

 READ noSeCitizen

 DISPLAY NEWLINE

 DISPLAY "Please enter the addition of child: "

 READ noChild

 ELSE

 IF (addTicket == 'N' OR addTicket == 'n')

 DISPLAY "There's no added any ticket!"

 ENDIF

 ENDIF

 DISPLAY "Total number of people travelled: "

 IF ((ticket == 'F' || ticket == 'f') AND (addTicket == 'Y' OR addTicket == 'y'))

```
fTotalPeopleTravel = noAdult + noSeCitizen + noChild + 4
DISPLAY fTotalPeopleTravel
ELSE
    IF (ticket == 'F' OR ticket == 'f')
        DISPLAY 4
    ENDIF
ENDIF
ENDIF
ENDIF
DISPLAY NEWLINE
DISPLAY "Total ticket's price: "
IF ((ticketEntry == 1) AND (ticket == 'I' OR ticket == 'i') AND (deckNo == 1))
    i1WayTotalPrice = noAdult * 80 + noSeCitizen * 65 + noChild * 65
    DISPLAY "RM" i1WayTotalPrice ".00"
ELSE
    IF ((ticketEntry == 1) AND (ticket == 'I' OR ticket == 'i') AND (deckNo == 2 OR
    deckNo == 3 OR deckNo == 4))
        i234WayTotalPrice = noAdult * 60 + noSeCitizen * 45 + noChild * 45
        DISPLAY "RM" i234WayTotalPrice ".00"
    ELSE
        IF ((ticketEntry == 1) AND (ticket == 'F' OR ticket == 'f'))
            fWayTotalPrice = 195
            DISPLAY "RM" fWayTotalPrice ".00"
        ELSE
            IF ((ticketEntry == 1) AND (ticket == 'F' OR ticket == 'f') AND
            (deckNo == 2 OR deckNo == 3 OR deckNo == 4))
                fAddWayTotalPrice = noAdult * 60 + noSeCitizen * 45 +
                noChild * 45 + 195
                DISPLAY "RM" fAddWayTotalPrice ".00"
            ELSE
                IF ((ticketEntry == 2) AND (ticket == 'I' OR ticket == 'i')
                AND (deckNo == 1))
                    i1ReturnTotalPrice = noAdult * 150 + noSeCitizen
                    * 120 + noChild * 120
                    DISPLAY "RM" i1ReturnTotalPrice ".00"
                ELSE
```

```

        IF ((ticketEntry == 2) AND (ticket == 'I' OR ticket
        == 'i') AND (deckNo == 2 OR deckNo == 3 OR deckNo
        == 4))
            i234ReturnTotalPrice = noAdult * 110 +
noSeCitizen * 80 + noChild * 80
            DISPLAY "RM" i234ReturnTotalPrice ".00"
        ELSE
            IF ((ticketEntry == 2) AND (ticket == 'F' OR
ticket == 'f'))
                fReturnTotalPrice = 365
                DISPLAY "RM" fReturnTotalPrice
".00"
            ELSE
                IF ((ticketEntry == 2) AND (ticket ==
'F' OR ticket == 'f') AND (deckNo == 2 OR
deckNo == 3 OR deckNo == 4))
                    f234AddReturnTotalPrice =
noAdult * 110 + noSeCitizen * 80 +
noChild * 80 + 365
                    DISPLAY "RM"
f234AddReturnTotalPrice ".00"
                ENDIF
            ENDIF
        ENDIF
    ENDIF
ENDIF
ENDIF
ENDIF
ENDIF
ENDIF
DISPLAY NEWLINE
DISPLAY "Do you need any food or drinks? (Y/N)"
READ foodDrinks
DISPLAY NEWLINE
IF (if (foodDrinks == 'Y' OR foodDrinks == 'y')
    CALL foodAndDrinksMenu
    DISPLAY TAB TAB TAB "Quantity "
    DISPLAY "Meal(per combo) " TAB

```

```
    READ meal
    DISPLAY "Salad " TAB TAB TAB
    READ salad
    DISPLAY "Fruit Buffet " TAB TAB
    READ fBuffet
    DISPLAY "Bread " TAB TAB TAB
    READ bread
    DISPLAY "Snacks(each) " TAB TAB
    READ snacks
    DISPLAY "Tea/Coffee " TAB TAB
    READ teaCoffee
    DISPLAY "Fruit Juice " TAB TAB
    READ fJuice
    DISPLAY "Wine(souvenir) " TAB
    READ wine
ELSE
    IF (foodDrinks == 'N' OR foodDrinks == 'n')
        DISPLAY "There's no added food and drinks!"
    ENDIF
ENDIF
DISPLAY NEWLINE
DISPLAY "Total ordered of food & drinks: "
IF (foodDrinks == 'Y' OR foodDrinks == 'y')
    totalQuFoodDrinks = meal + salad + fBuffet + bread + snacks + teaCoffee +
fJuice + wine
    DISPLAY totalQuFoodDrinks
ELSE
    IF (foodDrinks == 'N' OR foodDrinks == 'n')
        DISPLAY "0"
    ENDIF
ENDIF
DISPLAY "Total price of food & drinks ordered: "
IF (foodDrinks == 'Y' OR foodDrinks == 'y')
    totalOrderPrice = meal * 17 + salad * 12 + fBuffet * 12 + bread * 5 + snacks *
10 + teaCoffee * 5 + fJuice * 10 + wine * 125
```

```

        DISPLAY "RM" totalOrderPrice ".00"
ELSE
    IF (foodDrinks == 'N' OR foodDrinks == 'n')
        DISPLAY nTotalOrderPrice
    ENDIF
ENDIF
DISPLAY "Overall payment: "
IF ((ticketEntry == 1) AND (ticket == 'I' OR ticket == 'i') AND (deckNo == 1))
    overallPay1 = i1WayTotalPrice + totalOrderPrice
    DISPLAY "RM" overallPay1 ".00"
ELSE
    IF((ticketEntry == 1) AND (ticket == 'I' OR ticket == 'i') AND (deckNo == 2 OR
deckNo == 3 OR deckNo == 4))
        overallPay2 = i234WayTotalPrice + totalOrderPrice
        DISPLAY "RM" overallPay2 ".00"
    ELSE
        IF((ticketEntry == 1) AND (ticket == 'F' OR ticket == 'f'))
            overallPay3 = fWayTotalPrice + totalOrderPrice
            DISPLAY "RM" overallPay3 ".00"
        ELSE
            IF ((ticketEntry == 1) AND (ticket == 'F' OR ticket == 'f') AND
(deckNo == 2 OR deckNo == 3 OR deckNo == 4))
                overallPay4 = fAddWayTotalPrice + totalOrderPrice
                DISPLAY "RM" overallPay4 ".00"
            ELSE
                IF ((ticketEntry == 2) AND (ticket == 'I' OR ticket == 'i')
AND (deckNo == 1))
                    overallPay5 = i1ReturnTotalPrice + totalOrderPrice
                    DISPLAY "RM" overallPay5 ".00"
                ELSE
                    IF ((ticketEntry == 2) AND (ticket == 'I' OR ticket
== 'i') AND (deckNo == 2 OR deckNo == 3 OR deckNo
== 4))
                        overallPay6 = i234ReturnTotalPrice +
totalOrderPrice
                        DISPLAY "RM" overallPay6 ".00"
                    
```

```

ELSE
    IF ((ticketEntry == 2) AND (ticket == 'F' OR
ticket == 'f'))
        overallPay7 = fReturnTotalPrice +
totalOrderPrice
        DISPLAY "RM" overallPay7 ".00"
    ELSE
        IF ((ticketEntry == 2) AND (ticket ==
'F' OR ticket == 'f') AND (deckNo == 2 OR
deckNo == 3 OR deckNo == 4))
            overallPay8 =
f234AddReturnTotalPrice + totalOrderPrice
            DISPLAY "RM" overallPay8
".00"
        ENDIF
    ENDIF
ENDIF
ENDIF
ENDIF
ENDIF
ENDIF
ENDIF
ENDIF
REPEAT
    DISPLAY "-----Ferry Ticket-----"
    DISPLAY TAB " Welcome to Ferry Travelling Company! " TAB
    DISPLAY NEWLINE
    DISPLAY TAB TAB " Ticket ID: F00" ferryNo "-" deckNo "-" seatNo
    DISPLAY NEWLINE
    DISPLAY "Destination: "
    IF (destination == 'L' OR destination == 'l')
        DISPLAY "LANGKAWI"
    ELSE
        IF (destination == 'P' OR destination == 'p')
            DISPLAY "PENANG"
        ENDIF
    ENDIF
ENDIF

```

```

    DISPLAY "Food & Drinks? : "
    IF (foodDrinks == 'Y' OR foodDrinks == 'y')
        DISPLAY "YES"
    ELSE
        IF (foodDrinks == 'N' OR foodDrinks == 'n')
            DISPLAY "No"
        ENDIF
    ENDIF
    DISPLAY NEWLINE
    DISPLAY TAB TAB "Hope You Enjoy Your trip!" TAB TAB
    DISPLAY "-----"
UNTIL (selectSeat == 'Y' OR selectSeat == 'y')
END

FUNCTION

displayLangkawiSchedule()
    DECLARE pFerryNo, dTime, aTime AS INTEGER
    ASSIGN 1 TO pFerryNo
    ASSIGN 7 TO dTime
    ASSIGN 9 TO aTime
    DISPLAY TAB " Langkawi Time Schedules " NEWLINE
    DISPLAY "From: " TAB "PENANG || To:" TAB "LANGKAWI" NEWLINE
    DISPLAY "Ferry No    Departure Time    Arrival Time    " NEWLINE
    DOWHILE (pFerryNo <= 8)
        DISPLAY "F00" pFerryNo TAB dTime ":00" TAB aTime ":00" NEWLINE
        pFerryNo++
        dTime += 2
        aTime += 2
    ENDDO

displayPenangSchedule()
    DECLARE IFerryNo, dTime, aTime AS INTEGER

```

```

ASSIGN 1 TO IFerryNo
ASSIGN 10 TO dTime
ASSIGN 12 TO aTime

    DISPLAY TAB " Penang Time Schedules " NEWLINE
DISPLAY "From: " TAB "LANGKAWI || To:" TAB "PENANG" NEWLINE
DISPLAY "Ferry No    Departure Time    Arrival Time    " NEWLINE
DISPLAY "F008" TAB "8:00" TAB "10:00" NEWLINE
DOWHILE (IFerryNo <= 7)
    DISPLAY "F00" IFerryNo TAB dTime ":00" TAB aTime ":00" NEWLINE
    IFerryNo++
    dTime = dTime + 2
    aTime = aTime + 2
ENDDO

```

displayFerrySeat(char& destination)

```

DECLARE ferryPenang[9][5][11] = { 0 } AS INTEGER
DECLARE ferryLangkawi[9][5][11] = { 0 } AS INTEGER
DECLARE a, b, c AS INTEGER
IF (destination == 'L' OR destination == 'I')
    LOOP a FROM 1 TO 8 STEP 1
        DISPLAY "Ferry number: " a
        LOOP b FROM 0 TO 4 STEP 1
            IF (b == 0)
                DISPLAY "Seat number" TAB
            ELSE
                DISPLAY "Deck NO " b TAB
            ENDIF
            LOOP c FROM 1 TO 10 STEP 1
                IF (b == 0)
                    DISPLAY c TAB
                ELSE
                    DISPLAY ferryLangkawi[a][b][c] TAB
                ENDIF
            ENDLOOP
        ENDLOOP
    ENDIF
ENDIF

```



```

        DISPLAY NEWLINE
    ENDLOOP
    DISPLAY NEWLINE
ENDLOOP
ELSE
    IF (destination == 'P' OR destination == 'p')
        LOOP a FROM 1 TO 8 STEP 1
            DISPLAY "Ferry number: " a
            LOOP b FROM 0 TO 4 STEP 1
                IF (b == 0)
                    DISPLAY "Seat number" TAB
                else
                    DISPLAY "Deck NO " b TAB
                ENDIF
            LOOP c FROM 1 TO 10 STEP 1
                IF (b == 0)
                    DISPLAY c TAB
                ELSE
                    DISPLAY ferryPenang[a][b][c] TAB
                ENDIF
            ENDLOOP
            DISPLAY NEWLINE
        ENDLOOP
        DISPLAY NEWLINE
    ENDLOOP
ENDIF
ENDIF

```

```

oWayTicketPrice()
    DISPLAY "-----One Way Ferry Ticket-----"
    DISPLAY TAB TAB " Adult TAB Senior Citizen TAB Child"
    DISPLAY TAB TAB TAB " (above 60 yrs old) (3 - 11 years old)"

```

```

DISPLAY "Upper Deck TAB RM 80.00 TAB  RM 65.00 TAB TAB RM 65.00"
DISPLAY "Lower Deck TAB RM 60.00 TAB  RM 45.00 TAB TAB RM 45.00"
DISPLAY "-----"

```

```

returnTicketPrice()

```

```

    DISPLAY "-----Return Ferry Ticket-----"
    DISPLAY TAB TAB " Adult  TAB Senior Citizen  TAB Child"
    DISPLAY TAB TAB TAB " (above 60 yesrs old) (3 - 11 years old)"
    DISPLAY "Upper Deck TAB RM 150.00 TAB  RM 120.00 TAB TAB RM
120.00"
    DISPLAY "Lower Deck TAB RM 110.00 TAB  RM 80.00  TAB TAB RM
80.00"
    DISPLAY "-----"

```

```

oneWayFamilyPackage()

```

```

    DISPLAY "-----Family Package (2 Adults + 2 Childs)-----"
    DISPLAY TAB TAB TAB " Return Tickets "
    DISPLAY "Upper Deck" TAB TAB "-"
    DISPLAY "Lower Deck" TAB TAB "RM 365.00"
    DISPLAY "-----"

```

```

foodAndDrinksMenu()

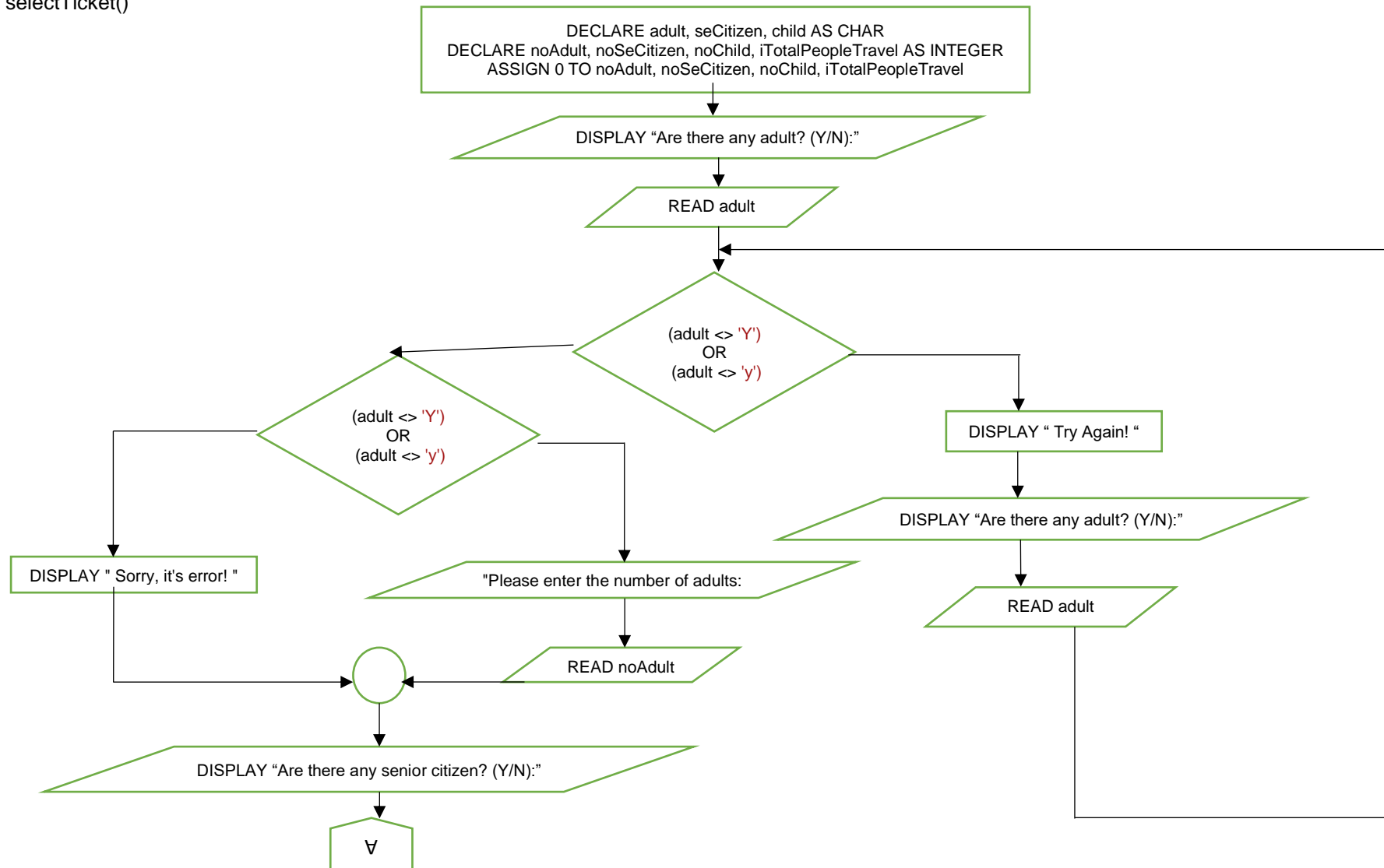
```

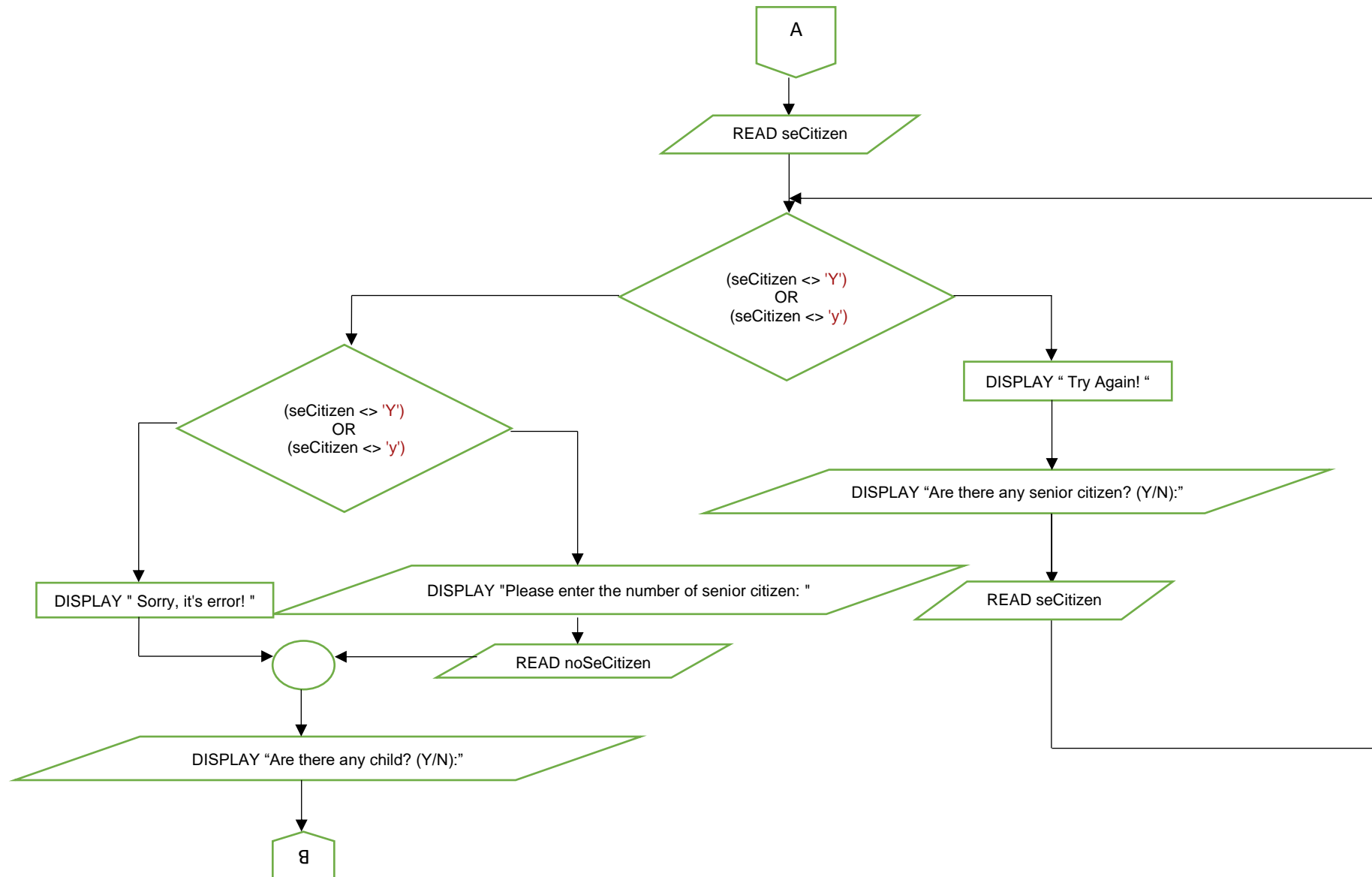
```

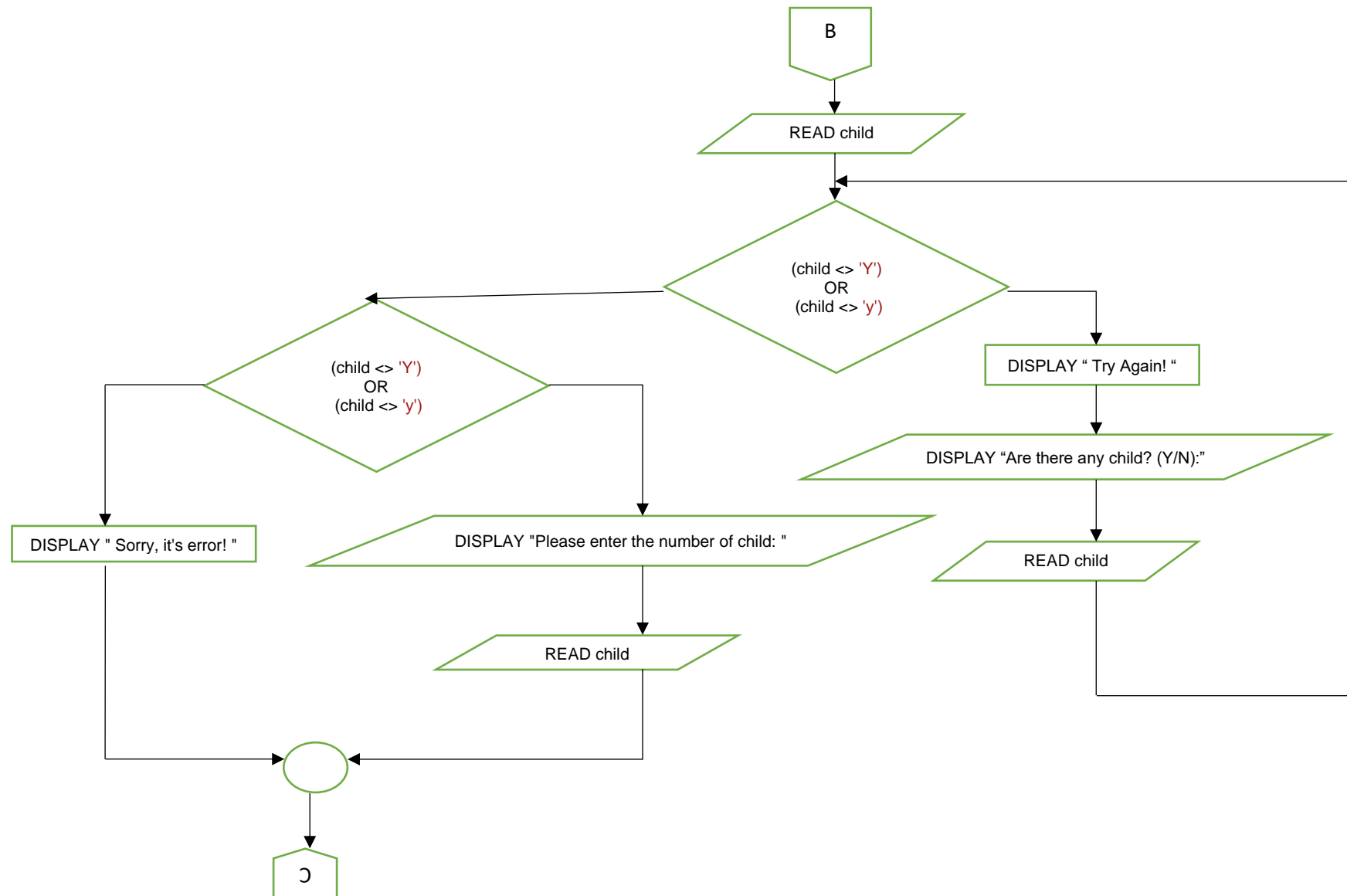
    DISPLAY "-----Food & Drinks Menu-----"
    DISPLAY TAB TAB TAB " Prices "
    DISPLAY "Meal(per combo)" TAB "RM 17.00"
    DISPLAY "Salad" TAB TAB TAB "RM 12.00"
    DISPLAY "Fruit Buffet" TAB TAB "RM 12.00"
    DISPLAY "Bread" TAB TAB TAB "RM 5.00"
    DISPLAY "Snacks(each)" TAB TAB "RM 10.00"
    DISPLAY "Tea/Coffee" TAB TAB "RM 5.00"
    DISPLAY "Fruit Juice" TAB TAB "RM 10.00"
    DISPLAY "Wine(souvenir)" TAB "RM 125.00"
    DISPLAY "-----"

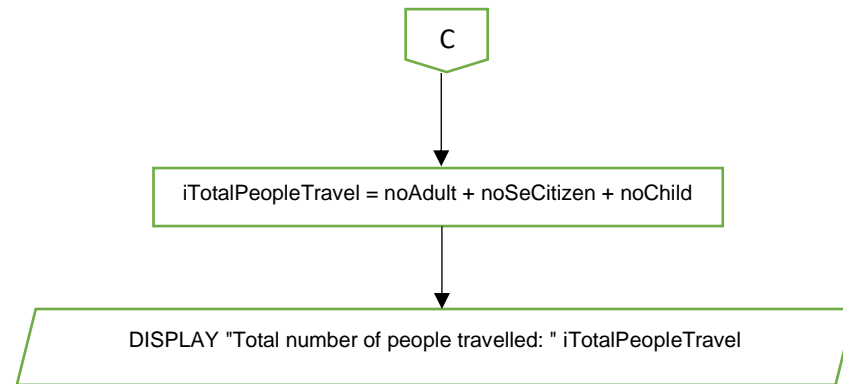
```

selectTicket()









Ferry Time-Schedules

Eight ferry a day.

Note: A ferry departing from Penang every 2 hours from 7 am to 9 pm.

Last ferry of the day on 9:00pm.

<u>ORIGIN: PENANG</u>		<u>DESTINATION: LANGKAWI</u>	
<u>FERRY NO</u>	<u>DEPARTURE TIME</u>	<u>ARRIVAL TIME</u>	
F001	7:00	9:00	
F002	9:00	11:00	
F003	11:00	13:00	
F004	13:00	15:00	
F005	15:00	17:00	
F006	17:00	19:00	
F007	19:00	21:00	
F008	21:00	23:00	

Note: A ferry departing from Langkawi every 2 hours from 8 am to 10 pm.

Last ferry of the day on 10:00pm.

<u>ORIGIN: LANGKAWI</u>		<u>DESTINATION: PENANG</u>	
<u>FERRY NO</u>	<u>DEPARTURE TIME</u>	<u>ARRIVAL TIME</u>	
F008	8:00	10:00	
F001	10:00	12:00	
F002	12:00	14:00	
F003	14:00	16:00	
F004	16:00	18:00	
F005	18:00	20:00	
F006	20:00	22:00	
F007	22:00	24:00	

Ferry Passenger's Seat-Arrangement

Note: Each ferry contains 2 decks – upper deck (10 passengers) & lower deck (30 passengers).

Seat No: 1 - 10

Deck No: 1 = Upper deck

2 = Lower deck 1

3 = Lower deck 2

4 = Lower deck 3

Formation of seat code on ticket (Ferry ID): F00X-X-XX (eg: F001-2-4)

*Once the ferry seat has booked, the value will change from 0 (if seat is available) to 1 (if seat is booked) *

For example: The table of ferry no: F00X below shown the ferry seats: F00X-2-03, F00X-2-08 and F00X-3-6 have already booked.

Ferry No: F00X

Seat NO Deck No	1	2	3	4	5	6	7	8	9	10
1	0	0	0	0	0	0	0	0	0	0
2	0	0	1	0	0	0	0	1	0	0
3	0	0	0	0	0	1	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0

These are the ferry number for each trip where passengers could select their seat followed by their time-schedule:

Ferry No: F001

Seat NO Deck No	1	2	3	4	5	6	7	8	9	10
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0

Ferry No: F002

Seat NO Deck No	1	2	3	4	5	6	7	8	9	10
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0

Ferry No: F003

Seat NO Deck No	1	2	3	4	5	6	7	8	9	10
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0

Ferry No: F004

Seat NO Deck No	1	2	3	4	5	6	7	8	9	10
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0

Ferry No: F005

Seat NO Deck No	1	2	3	4	5	6	7	8	9	10
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0

Ferry No: F006

Seat NO Deck No	1	2	3	4	5	6	7	8	9	10
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0

Ferry No: F007

Seat NO Deck No	1	2	3	4	5	6	7	8	9	10
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0

Ferry No: F008

Seat NO Deck No	1	2	3	4	5	6	7	8	9	10
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0

The table below shows how many seats still available for booking on each ferry:

Ferry No	<u>Seats Available</u>	
	Upper Deck (1)	Lower Deck (2, 3 & 4)
F001	10	30
F002	10	30
F003	10	30
F004	10	30
F005	10	30
F006	10	30
F007	10	30
F008	10	30

The Price of the Ferry Ticket

One Way Ticket			
	Adult	Senior Citizen (above 60 years old)	Child (3 – 11 years old)
Upper Deck	RM 80.00	RM 65.00	RM 65.00
Lower Deck	RM 60.00	RM 45.00	RM 45.00

Return Ticket			
	Adult	Senior Citizen (above 60 years old)	Child (3 – 11 years old)
Upper Deck	RM 150.00	RM 120.00	RM 120.00
Lower Deck	RM 110.00	RM 80.00	RM 80.00

Family Package (2 Adults + 2 Childs)		
	One Way Ticket	Return Ticket
Upper Deck	-	-
Lower Deck	RM 195.00	RM 365.00

References

1. <https://www.easybook.com/en-my/ferry/booking/penang-to-langkawijetty>
2. <https://www.travel-penang-malaysia.com/penang-langkawi-ferry.html>