

Price file loaded and array update successful.

Welcome to the Stormy Skies Airlines reservation system!

1. Display Seat Layout and Availability
2. Reserve a seat(s)
3. View current seats sold
4. View current empty seats per row
5. View current empty seats on the flight
6. View current flight seats sales
7. Reset & refund all reservations on the flight
8. Exit the system

Please make a selection from the menu:

```
2. Reserve a seat(s)
3. View current seats sold
4. View current empty seats per row
5. View current empty seats on the flight
6. View current flight seats sales
7. Reset & refund all reservations on the flight
8. Exit the system
Please make a selection from the menu: 2
```

```
===2. Reserve a seat(s)
```

```
FIRST CLASS SECTION
```

```
      12  34
Row  1:  ##  ##
Row  2:  ##  ##
Row  3:  ##  ##
Row  4:  ##  ##
Row  5:  ##  ##
```

```
COACH SECTION
```

```
     123  456
Row  1:  ###  ###
Row  2:  ###  ###
Row  3:  ###  ###
Row  4:  ###  ###
Row  5:  ###  ###
Row  6:  ###  ###
Row  7:  ###  ###
Row  8:  ###  ###
Row  9:  ###  ###
Row 10:  ###  ###
```

```
First Class seats currently available: 20
```

```
First Class seats currently occupied: 0
```

```
Coach Class seats currently available: 60
```

```
Coach Class seats currently occupied: 0
```

```
Would you like First Class or Coach tickets?
```

```
Enter 1 for First Class and 2 for Coach: _
```

```
2. Reserve a seat(s)
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7. Reset & refund all reservations on the flight
8. Exit the system
Please make a selection from the menu: 2
```

```
===2. Reserve a seat(s)
```

```
FIRST CLASS SECTION
```

```
      12  34
Row  1:  ##  ##
Row  2:  ##  ##
Row  3:  ##  ##
Row  4:  ##  ##
Row  5:  ##  ##
```

```
COACH SECTION
```

```
     123  456
Row  1:  ###  ###
Row  2:  ###  ###
Row  3:  ###  ###
Row  4:  ###  ###
Row  5:  ###  ###
Row  6:  ###  ###
Row  7:  ###  ###
Row  8:  ###  ###
Row  9:  ###  ###
Row 10:  ###  ###
```

```
First Class seats currently available: 20
First Class seats currently occupied: 0
```

```
Coach Class seats currently available: 60
Coach Class seats currently occupied: 0
```

```
Would you like First Class or Coach tickets?
Enter 1 for First Class and 2 for Coach: 
```

```
Row 1:  ##  ##
Row 2:  ##  ##
Row 3:  ##  ##
Row 4:  ##  ##
Row 5:  ##  ##
```

```
COACH SECTION
      123  456
Row 1:  ###  ###
Row 2:  ###  ###
Row 3:  ###  ###
Row 4:  ###  ###
Row 5:  ###  ###
Row 6:  ###  ###
Row 7:  ###  ###
Row 8:  ###  ###
Row 9:  ###  ###
Row 10: ###  ###
```

```
First Class seats currently available: 20
First Class seats currently occupied: 0
```

```
Coach Class seats currently available: 60
Coach Class seats currently occupied: 0
```

```
Would you like First Class or Coach tickets?
Enter 1 for First Class and 2 for Coach: 1
```

```
How many seats would you like to purchase? 2
```

```
For seat 1 enter the First Class Row ID: 2
For seat 1 enter the First Class Aisle ID: 2
```

```
The seat has been booked successfully.
```

```
For seat 2 enter the First Class Row ID: 2
For seat 2 enter the First Class Aisle ID: 1
```

```
The seat has been booked successfully.
```

For seat 1 enter the Coach Class Aisle ID: 1

The seat has been booked successfully.

For seat 2 enter the Coach Class Row ID: 4

For seat 2 enter the Coach Class Aisle ID: 2

The seat has been booked successfully.

For seat 3 enter the Coach Class Row ID: 4

For seat 3 enter the Coach Class Aisle ID: 3

The seat has been booked successfully.

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Please make a selection from the menu: 3

===3. View current seats sold

Total seats sold on the flight: 5

--First Class seats sold on the flight: 2

--Coach Class seats sold on the flight: 3

----Premium Coach seats sold on the flight: 3

----Standard Coach seats sold on the flight: 0

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8. Exit the system

Please make a selection from the menu:

```
Row 5: ### ###
Row 6: ### ###
Row 7: ### ###
Row 8: ### ###
Row 9: ### ###
Row 10: ### ###
```

```
First Class seats currently available: 18
First Class seats currently occupied: 2
```

```
Coach Class seats currently available: 57
Coach Class seats currently occupied: 3
```

FIRST CLASS

```
Row 1 seats available: 4
Row 2 seats available: 2
Row 3 seats available: 4
Row 4 seats available: 4
Row 5 seats available: 4
```

COACH CLASS

```
Row 1 seats available: 6
Row 2 seats available: 6
Row 3 seats available: 6
Row 4 seats available: 3
Row 5 seats available: 6
Row 6 seats available: 6
Row 7 seats available: 6
Row 8 seats available: 6
Row 9 seats available: 6
Row 10 seats available: 6
```

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- Please make a selection from the menu:

Row 5 seats available: 4

COACH CLASS

Row 1 seats available: 6

Row 2 seats available: 6

Row 3 seats available: 6

Row 4 seats available: 3

Row 5 seats available: 6

Row 6 seats available: 6

Row 7 seats available: 6

Row 8 seats available: 6

Row 9 seats available: 6

Row 10 seats available: 6

1. Display Seat Layout and Availability
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Please make a selection from the menu: 5

===5. View current empty seats on the flight

Total seats currently available: 75

--First Class seats currently available: 18

--Coach Class total seats currently available: 57

----Coach Class premium seats currently available: 27

----Coach Class standard seats currently available: 30

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Please make a selection from the menu:

6. View current flight seats sales
7. Reset & refund all reservations on the flight
8. Exit the system

Please make a selection from the menu: 5

===5. View current empty seats on the flight

Total seats currently available: 75
--First Class seats currently available: 18
--Coach Class total seats currently available: 57
----Coach Class premium seats currently available: 27
----Coach Class standard seats currently available: 30

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Please make a selection from the menu: 6

===6. View current flight seat sales

Total Sales for the flight: \$1248.46
--First Class sales for the flight: \$648.46
--Coach Class sales for the flight: \$600.00
----Premium Coach sales for the flight: \$600.00
----Standard Coach sales for the flight: \$0.00

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