Airport System Menu

-------------------

1) Create airport system using input file

2) Change the price of seats in a flight section

3) Find available flights

4) Change the seat class pricing for an airline

5) Book a specific seat

6) Book a preferred seat

7) Display airport system details

8) Store airport system details

0) Quit

Your choice: 1

Enter file path: C:\Users\gavin\Desktop\AMS Create File.txt

Airport System Menu

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8) Store airport system details

0) Quit

Your choice: 7

\*\*\*SYSTEM DETAILS\*\*\*

Airports: DEN, NYC, SEA, LAX

Airlines: AMER, UNTD

Flights: AA1, AA2UA21, UA12

AMER Flight AA1: Date-10/08/2011 Origin-DEN Dest-LAX

Sections: economy $200

1A - Booked: No 1B - Booked: No 1C - Booked: No

2A - Booked: No 2B - Booked: No 2C - Booked: No

3A - Booked: No 3B - Booked: No 3C - Booked: No

4A - Booked: No 4B - Booked: No 4C - Booked: No

first $500

1A - Booked: No 1B - Booked: No 1C - Booked: No

2A - Booked: No 2B - Booked: No 2C - Booked: No

AMER Flight AA2: Date-08/09/2011 Origin-LAX Dest-DEN

Sections: economy $200

1A - Booked: No 1B - Booked: No 1C - Booked: No

2A - Booked: No 2B - Booked: No 2C - Booked: No

3A - Booked: No 3B - Booked: No 3C - Booked: No

4A - Booked: No 4B - Booked: No 4C - Booked: No

5A - Booked: No 5B - Booked: No 5C - Booked: No

first $500

1A - Booked: No 1B - Booked: No 1C - Booked: No

2A - Booked: No 2B - Booked: No 2C - Booked: No

3A - Booked: No 3B - Booked: No 3C - Booked: No

UNTD Flight UA21: Date-11/08/2011 Origin-NYC Dest-SEA

Sections: economy $300

1A - Booked: No 1B - Booked: No 1C - Booked: No

2A - Booked: No 2B - Booked: No 2C - Booked: No

3A - Booked: No 3B - Booked: No 3C - Booked: No

4A - Booked: No 4B - Booked: No 4C - Booked: No

5A - Booked: No 5B - Booked: No 5C - Booked: No

6A - Booked: No 6B - Booked: No 6C - Booked: No

first $800

1A - Booked: No 1B - Booked: No 1C - Booked: No

2A - Booked: No 2B - Booked: No 2C - Booked: No

3A - Booked: No 3B - Booked: No 3C - Booked: No

UNTD Flight UA12: Date-08/09/2011 Origin-SEA Dest-DEN

Sections: business $700

1A - Booked: No 1B - Booked: No 1C - Booked: No

2A - Booked: No 2B - Booked: No 2C - Booked: No

3A - Booked: No 3B - Booked: No 3C - Booked: No

4A - Booked: No 4B - Booked: No 4C - Booked: No

5A - Booked: No 5B - Booked: No 5C - Booked: No

first $1200

1A - Booked: No 1B - Booked: No 1C - Booked: No

2A - Booked: No 2B - Booked: No 2C - Booked: No

Airport System Menu

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Your choice: 2

Enter flightID: AA1

Enter seat class (e.g. economy): economy

Enter new price: 300

Airport System Menu

-------------------

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8) Store airport system details

0) Quit

Your choice: 3

Enter origin (e.g. LAX): DEN

Enter destination (e.g. LAX): LAX

Enter date (MM/DD/YYYY): 10/08/2011

Enter seat class (e.g. economy): economy

Flights found:

------------

AMER Flight AA1: $300

Airport System Menu

-------------------

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8) Store airport system details

0) Quit

Your choice: 4

Enter airline: UNTD

Enter origin (e.g. LAX): NYC

Enter destination (e.g. LAX): SEA

Enter seat class (e.g. economy): first

Enter new price: 1000

Airport System Menu

-------------------

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8) Store airport system details

0) Quit

Your choice: 5

Enter flight ID: UA21

Enter seat class (e.g. economy): first

Enter row (e.g. 2): 1

Enter column (e.g. A): A

Booked successfully.

Airport System Menu

-------------------

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8) Store airport system details

0) Quit

Your choice: 6

Enter flight ID: UA21

Enter seat class (e.g. economy): first

Enter seating preference (e.g. window): window

Booked window seat 1C

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0) Quit

Your choice: 7

\*\*\*SYSTEM DETAILS\*\*\*

Airports: DEN, NYC, SEA, LAX

Airlines: AMER, UNTD

Flights: AA1, AA2UA21, UA12

AMER Flight AA1: Date-10/08/2011 Origin-DEN Dest-LAX

Sections: economy $300

1A - Booked: No 1B - Booked: No 1C - Booked: No

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3A - Booked: No 3B - Booked: No 3C - Booked: No

4A - Booked: No 4B - Booked: No 4C - Booked: No

first $500

1A - Booked: No 1B - Booked: No 1C - Booked: No

2A - Booked: No 2B - Booked: No 2C - Booked: No

AMER Flight AA2: Date-08/09/2011 Origin-LAX Dest-DEN

Sections: economy $200

1A - Booked: No 1B - Booked: No 1C - Booked: No

2A - Booked: No 2B - Booked: No 2C - Booked: No

3A - Booked: No 3B - Booked: No 3C - Booked: No

4A - Booked: No 4B - Booked: No 4C - Booked: No

5A - Booked: No 5B - Booked: No 5C - Booked: No

first $500

1A - Booked: No 1B - Booked: No 1C - Booked: No

2A - Booked: No 2B - Booked: No 2C - Booked: No

3A - Booked: No 3B - Booked: No 3C - Booked: No

UNTD Flight UA21: Date-11/08/2011 Origin-NYC Dest-SEA

Sections: economy $300

1A - Booked: No 1B - Booked: No 1C - Booked: No

2A - Booked: No 2B - Booked: No 2C - Booked: No

3A - Booked: No 3B - Booked: No 3C - Booked: No

4A - Booked: No 4B - Booked: No 4C - Booked: No

5A - Booked: No 5B - Booked: No 5C - Booked: No

6A - Booked: No 6B - Booked: No 6C - Booked: No

first $1000

1A - Booked: Yes 1B - Booked: No 1C - Booked: Yes

2A - Booked: No 2B - Booked: No 2C - Booked: No

3A - Booked: No 3B - Booked: No 3C - Booked: No

UNTD Flight UA12: Date-08/09/2011 Origin-SEA Dest-DEN

Sections: business $700

1A - Booked: No 1B - Booked: No 1C - Booked: No

2A - Booked: No 2B - Booked: No 2C - Booked: No

3A - Booked: No 3B - Booked: No 3C - Booked: No

4A - Booked: No 4B - Booked: No 4C - Booked: No

5A - Booked: No 5B - Booked: No 5C - Booked: No

first $1200

1A - Booked: No 1B - Booked: No 1C - Booked: No

2A - Booked: No 2B - Booked: No 2C - Booked: No

Airport System Menu

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Your choice: 8

Enter file path to write to: C:\Users\gavin\Desktop\AMS Saved File.txt

Airport System Menu

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0) Quit

Your choice: 0