Class: CSE 3320
Semester: Spring 2016
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Assignment: Project 4

Sample Runs

1. Menu

2. Departures
   a. :

b. :

```
Bitvise xterm - omega.bscp - cpl3407@omega.uta.edu:22 - cpl3407@omega:~
Last login: Mon May  2 18:57:26 2016 from 10.183.149.83
[cpl3407@omega ~]$ javac project4.java && java project4
***Airline Database***
Type number of desired option.
1. Departures
2. Arrivals
3. Exit Database
1
***Departure***
Enter Flight Number:
1050
Enter Leg Number:
1
Enter date:
Year:
2015
Month:
10
Day:
5
1050
Error flight leg doesn't exist

***Airline Database***
Type number of desired option.
1. Departures
2. Arrivals
3. Exit Database
```

c. :
i.

```
1
***Departure***
Enter Flight Number:
1010
Enter Leg Number:
2
Enter date:
Year:
2015
Month:
10
Day:
15
Error: No prior arrival time for Leg 1.

***Airline Database***
Type number of desired option.
1. Departures
2. Arrivals
3. Exit Database
```

d. :

```
Day:
16
Select Departure Time
Enter Hour:
10
Enter Minutes:
30
Enter Pilot ID:
```

i.

```
10
Enter Minutes:
30
Enter Pilot ID:
10
Error: Pilot Does not exist

***Airline Database***
Type number of desired option.
1. Departures
2. Arrivals
3. Exit Database
```

```
5
Enter Minutes:
15
Enter Pilot ID:
2
06
30
Error: Arrival time later than departure time

***Airline Database***
Type number of desired option.
1. Departures
2. Arrivals
3. Exit Database
```

e. :

```
***Departure***
Enter Flight Number:
1020
Enter Leg Number:
2
Enter date:
Year:
2015
Month:
10
Day:
5
Select Departure Time
Enter Hour:
10
Enter Minutes:
30
Enter Pilot ID:
4
06
30
Successful Departure

***Airline Database***
Type number of desired option.
1. Departures
2. Arrivals
3. Exit Database
```

3. Arrival

a. :

```
Bitvise xterm - omega.bscp - cpl3407@omega.uta.edu:22 - cpl3407@omega:~
Last login: Tue May  3 00:19:00 2016 from cpe-76-185-69-208.tx.res.rr.com
[cpl3407@omega ~]$ javac project4.java && java project4
***Airline Database***
Type number of desired option.
1. Departures
2. Arrivals
3. Exit Database
2
***Arrival***
Enter Flight Number:
1010
Enter Leg Number:
1
Enter Date
Year:
2015
Month:
10
Day:
15
```

b. :

```
Hour:
[cpl3407@omega ~]$ javac project4.java && java project4
***Airline Database***
Type number of desired option.
1. Departures
2. Arrivals
3. Exit Database
2
***Arrival***
Enter Flight Number:
1000
Enter Leg Number:
2
Enter Date
Year:
2015
Month:
10
Day:
4
Error: Flight Leg Instance does not exist.

***Airline Database***
Type number of desired option.
1. Departures
2. Arrivals
3. Exit Database
```

c. :

```
2
***Arrival***
Enter Flight Number:
1010
Enter Leg Number:
1
Enter Date
Year:
2015
Month:
10
Day:
15
Enter Arrival Time
Hour:
17
Minute:
15
```

d. :

```
15
Enter Arrival Time
Hour:
0
Minute:
10
01:15:00
Error: Arrival Time before departure time

***Airline Database***
Type number of desired option.
1. Departures
2. Arrivals
3. Exit Database
```

e. :

```
***Airline Database***
Type number of desired option.
1. Departures
2. Arrivals
3. Exit Database
2
***Arrival***
Enter Flight Number:
1010
Enter Leg Number:
1
Enter Date
Year:
2015
Month:
10
Day:
15
Enter Arrival Time
Hour:
18
Minute:
0
01:15:00
Sucessfully set Flight Instance's Arrival Time.

***Airline Database***
Type number of desired option.
1. Departures
2. Arrivals
3. Exit Database
```