**Project Flight**

**This project have five classes using MVC pattern:**

1.ConnectTo\_DataBase class: I use singleton pattern to have only one instance variable. Any class can use this to get connect. For the database url, I have set to relative path. So anyone can run the code on his side.

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2.F light class: this is the model, it contains the application data for the flight.

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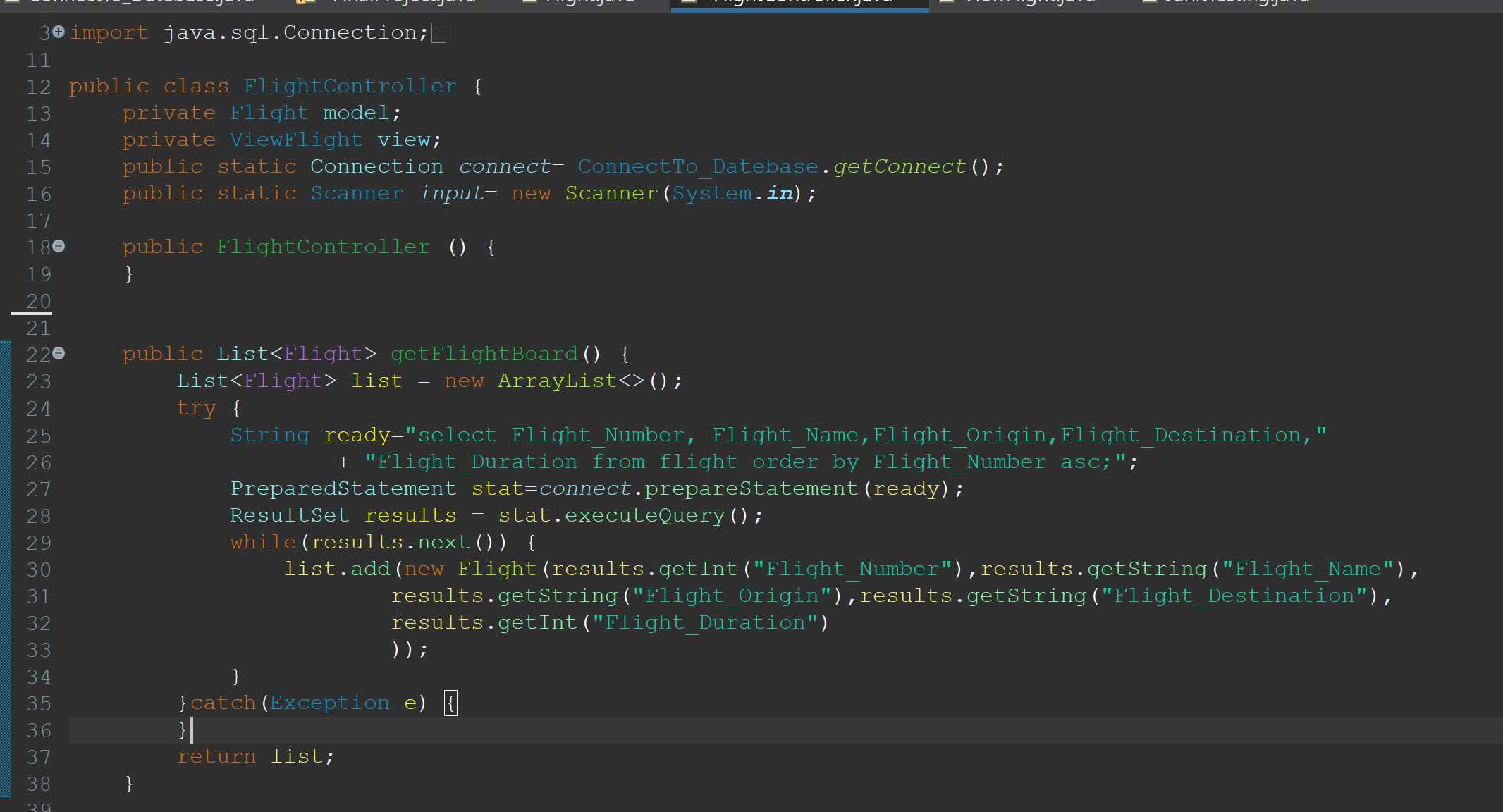
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3.ViewFlight class: the view to presents the model’s data to the user.

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4.FlightController class: the controller exist between the view and the model.it has all the methods to read, add, remove, modify the flight information and show the sorted flight information and onboard information



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5.FinalProject class to run the code, to show the database result after adding, removing or editing the flight information and show what’s on board.

Use Internalization:

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A screenshot of a computer

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**I use the lambda Expression to print the onboard information:**

**Graphical user interface

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**Now I run all my methods at the same time. Below is the output, the data will show in ascending way according to flight number:**

**1. show the flight info and origin database with all the flight information:**

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**2.edit the flight and show the database update:**

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**3.remove one flight from database and show the change**

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**4.add a new flight to the database and show the adding**

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**5. I print out the onboard flight information:**

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**6. Junit test:**

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