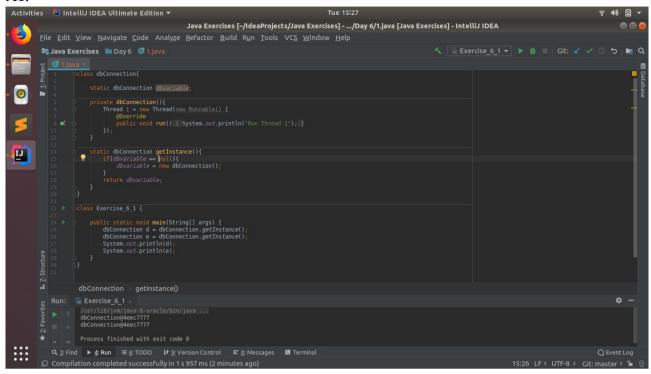
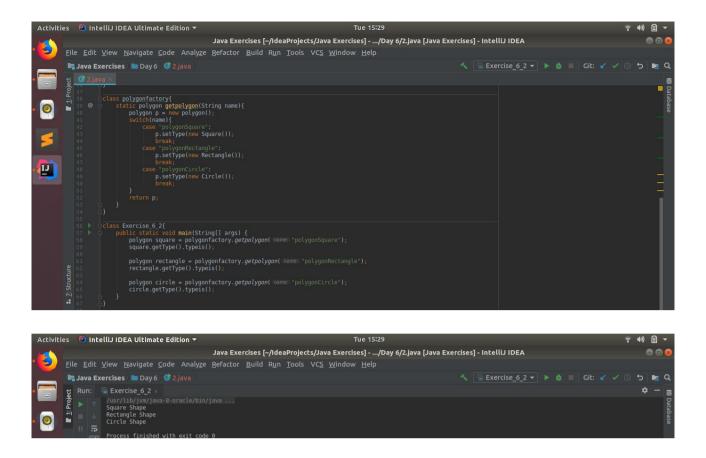
Q1. Implement Singleton Design Pattern on a dummy class.

A1.



Q2. Implement Factory Pattern to get the Polygon of differnt type.

A2.



Q3. Implement Abstract Factory Pattern to create cars of different categories from different countries.

A3.

```
Activities PlateIlly IDEA Ultimate Edition * Tue 15:30

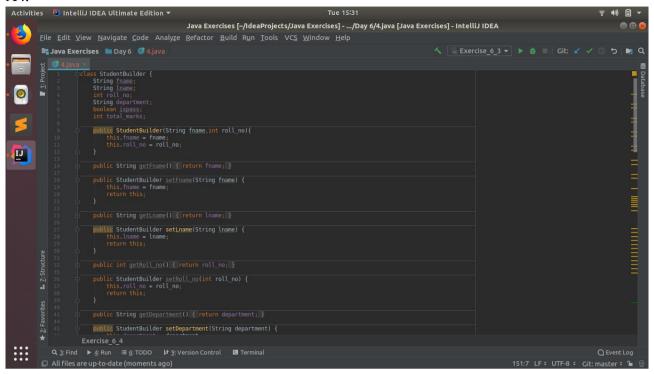
| Java Exercises | Java | Java Exercises | Java | Java | Exercise | Java | Java
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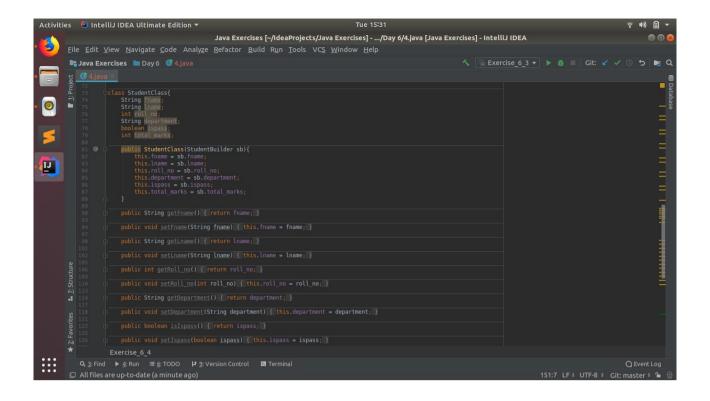
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| Complication completed successfully in 1s 131 ms (2 minutes ago) | Severtog | Complication completed successfully in 1s 131 ms (2 minutes ago) | Severtog | Complication completed successfully in 1s 131 ms (2 minutes ago) | Severtog | Complication completed successfully in 1s 131 ms (2 minutes ago) | Severtog | Complication completed successfully in 1s 131 ms (2 minutes ago) | Severtog | Complication completed successfully in 1s 131 ms (2 minutes ago) | Severtog | Complication completed successfully in 1s 131 ms (2 minutes ago) | Severtog | Complication completed successfully in 1s 131 ms (2 minutes ago) | Severtog | Complication completed successfully in 1s 131 ms (2 minutes ago) | Severtog |
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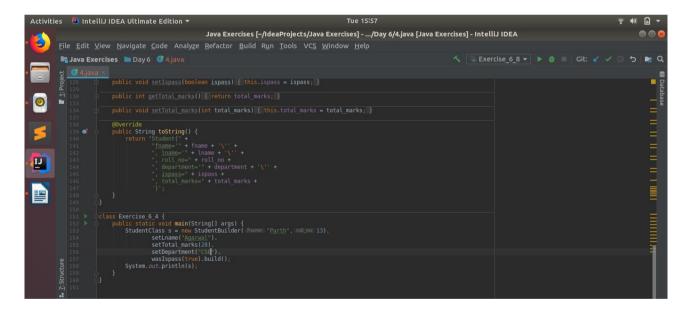
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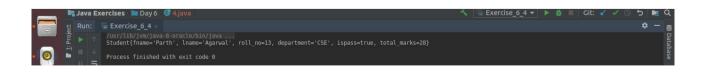
Q4. Implement Builder pattern to create a student object with more than 6 fields.

A4.









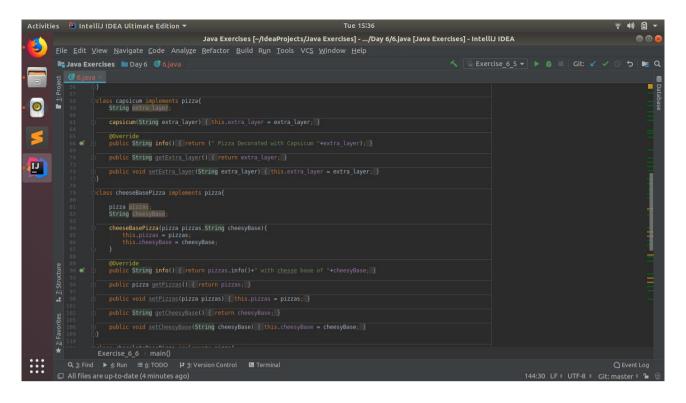
Q5. Implement Bridge Design Pattern for Color and Shape such that Shape and Color can be combined together e.g BlueSquare, RedSquare, PinkTriangle etc. A5.

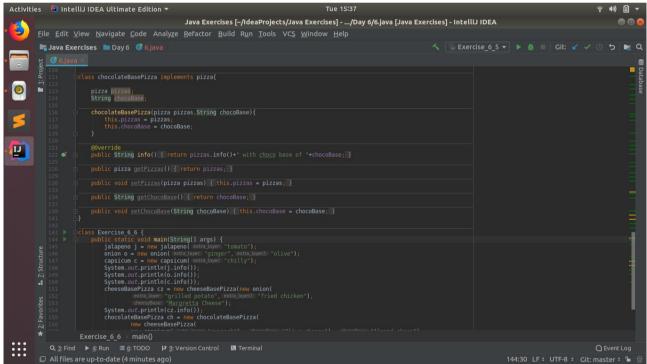
```
Activities DintelliJ IDEA Ultimate Edition * Tue 15:32

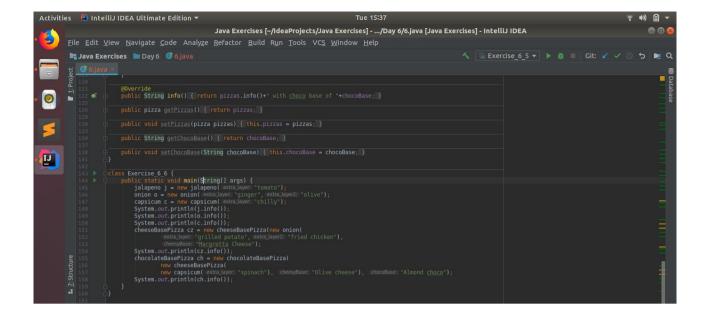
| Java Exercises |
```

Q6. Implement Decorator pattern to decorate the Pizza with topings.

A6.



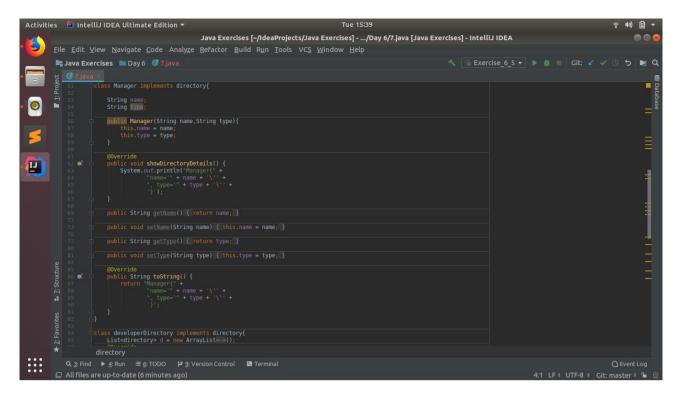


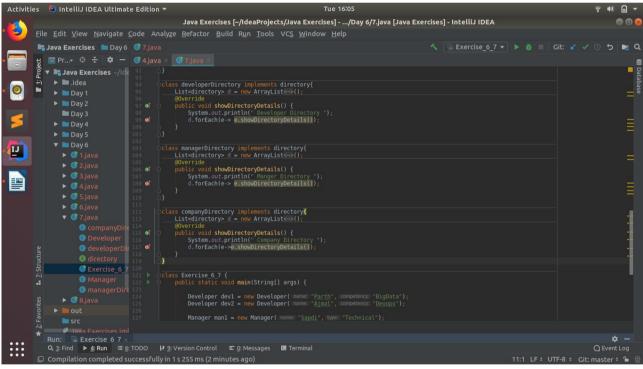




Q7. Implement Composite Design Pattern to maintaing the directories of employees on the basis of departments.

A7.





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Activities  Pintellij IDEA Ultimate Edition  Pusa Exercises | Java Exercis
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Run: Exercise_6_7 ×

/usr/lib//ym/java-8-oracle/bin/java ...

/usr/lib//ym/jav
```

Q8. Implement proxy design for accessing Record of a student and allow the access only to Admin. A8.

