Antwalk Software Engineering Foundations

Generics, Multithreading & GOF Design Patterns

Assignment 1

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Q1.

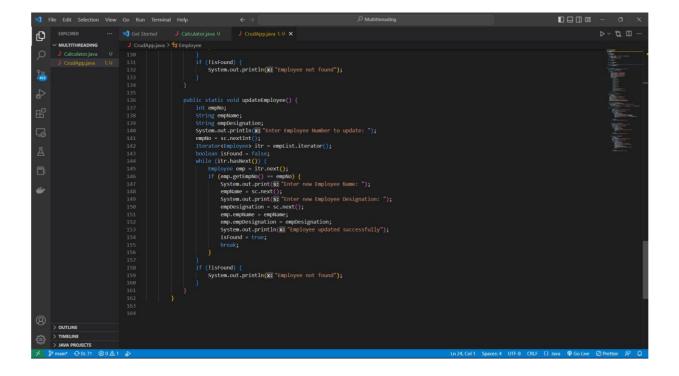
collection -> Arraylist ask choice CRUD-> 1. Insert -> ask emp info

- 2. Display -> iterator
- 3. Search -> ask empno-> found else not found
- 4. Delete -> ask empno
- 5. Update -> ask empno

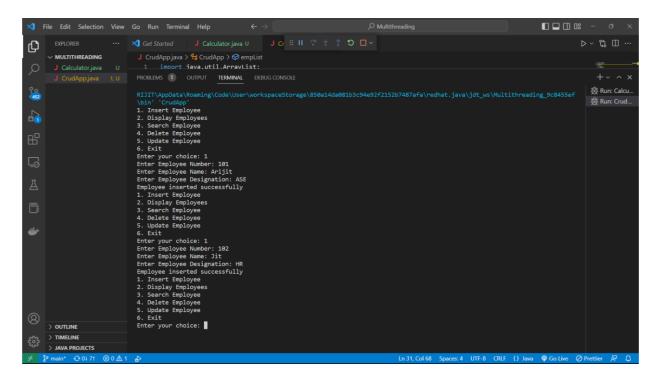
CrudApp.java

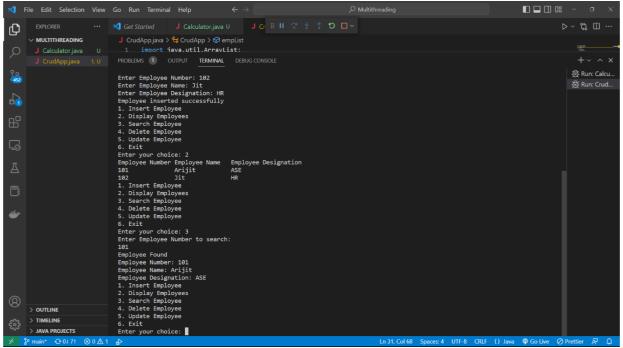
```
| The first Selection | New Section | New Se
```

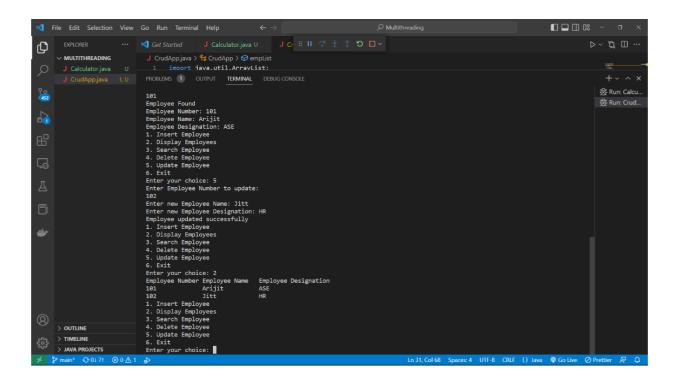
```
| The Edit Selection | View & Data | Immode | Image: | Data | Dat
```

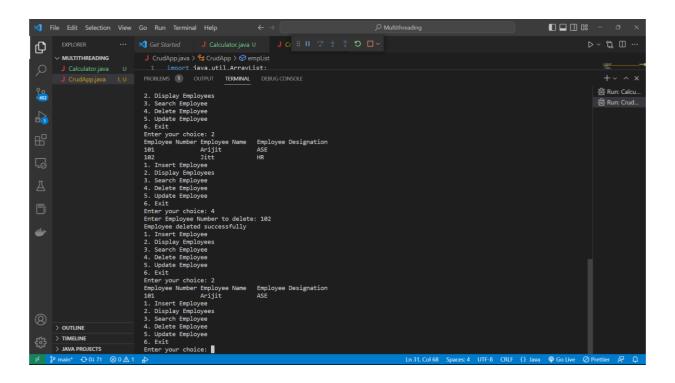


Output:









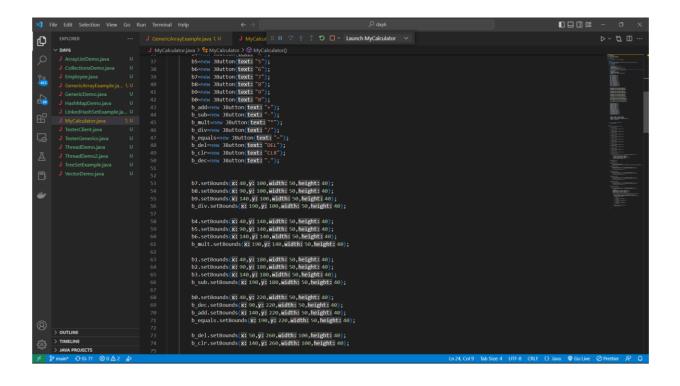
Q2. Class Generic type method -> print/display - > values of array ->iterator integer, float, string, double

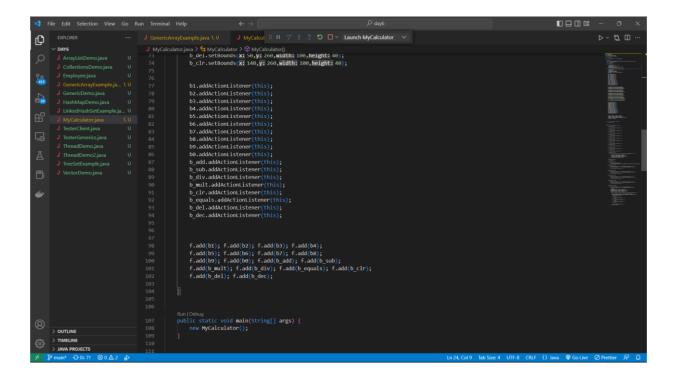
GenericArrayExample.java

Output:

Q3. Complete GUI Calculator using swing

MyCalculator.java





```
| File | Call Selection | Vew | Go | Run | Ferminal | Help | Call | Declaration | Decl
```

Output:

