NVISION

Java miniproject using swing

// some comment

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# Abstract

### // one-line summary

## motivation

// edit

## PUrpose

// edit.

// some shit

# Software Used

## Source code

* Backend: Java (JDK v1.8)
* Frontend: Java (Swing)

## EXECUTION

* IDE: Eclipse (v2018-09)
* Command Prompt on Windows 10

The references used for the project are listed under the *Bibliography* header in this document.

# Software and Code

## GITHUB REPOSITORY

The project can be found at: <https://github.com/VidhiRambhia/JAVA_project.git>

The main directory consists of:

* **.git** (folder)
* **.metadata** (folder)
* **.recommenders (**folder)
* **Final\_Project** (folder) – Main implementation:

1. src (folder) – Has all the images, .java, and .class files
2. bin (folder) – Contains post-compilation elements
3. NVision – Documentation of the project

* **BackUp** (Python file)
* **Code of Conduct** (MD file) – Lays out the GitHub etiquette concerning the project
* **README** (MD file) – An overview of the GitHub repository

The application can be run by running the file FirstPage.java in either Command Prompt or an IDE (preferably the same as was used while designing).

## EXISTING FEATURES

### The application, as of on 13th November 2018, works with the following facets fully implemented:

* **Main screen**  
  Introduces the application. Offers the user to either take a quiz or list down tasks for the day.
* **Quiz**There are four subjects, that have a set of at least five questions each:

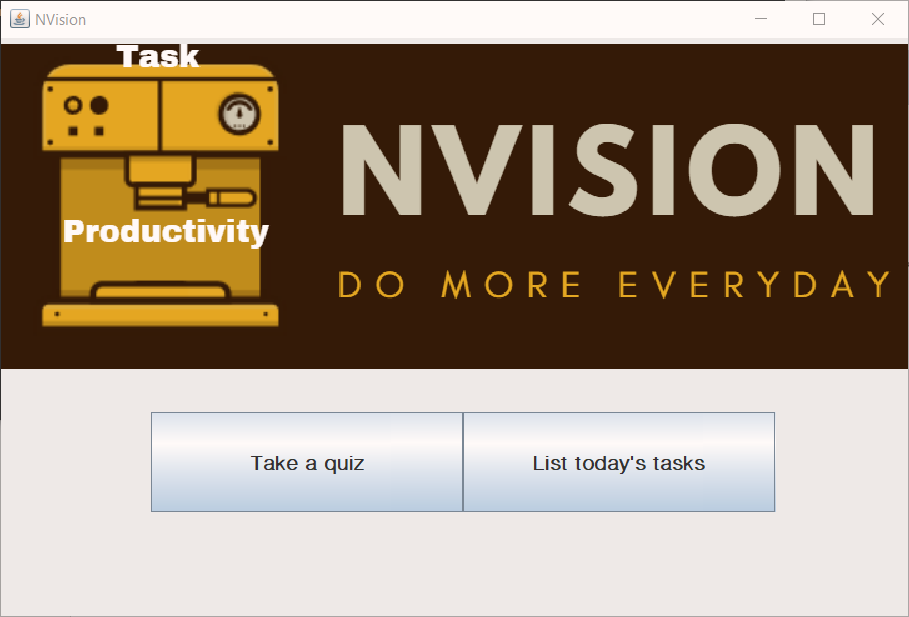
1. Java
2. DLD
3. Data Structures
4. EVS

The questions may be bookmarked for reference. Such questions may be revisited once till the quiz is submitted.

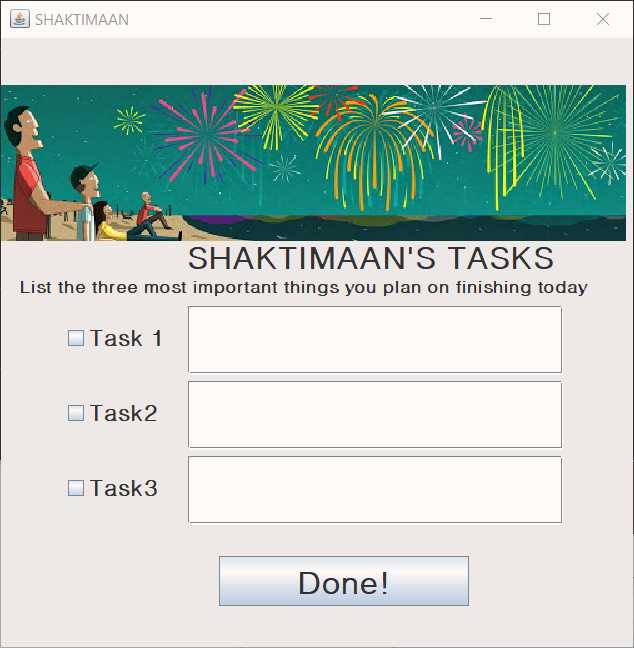
* **To-Do List**Three tasks can be listed. Once a task is marked as done, it is cleared and a new task may be added in its place. The cycle continues as long as the user operates on this keeping the frame open.  
    
  If run on Eclipse, frames for To-Do Lists for multiple users can be generated with each run. All such frames function independently of each other.

# Use and Demo

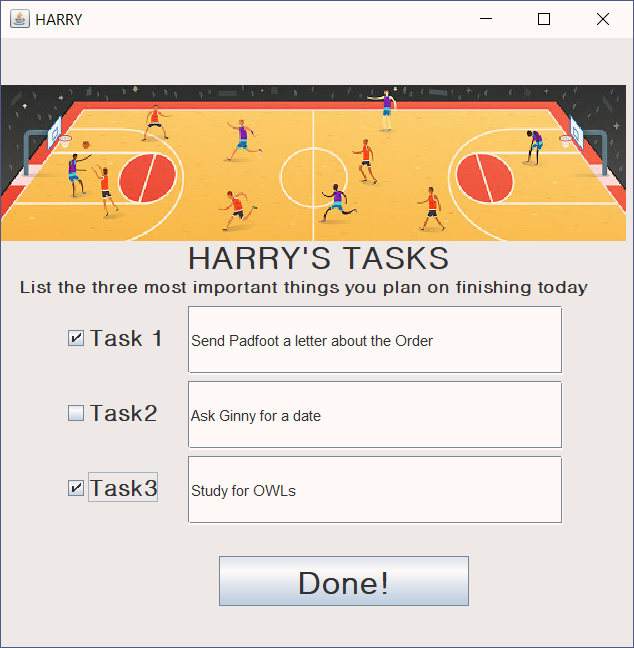
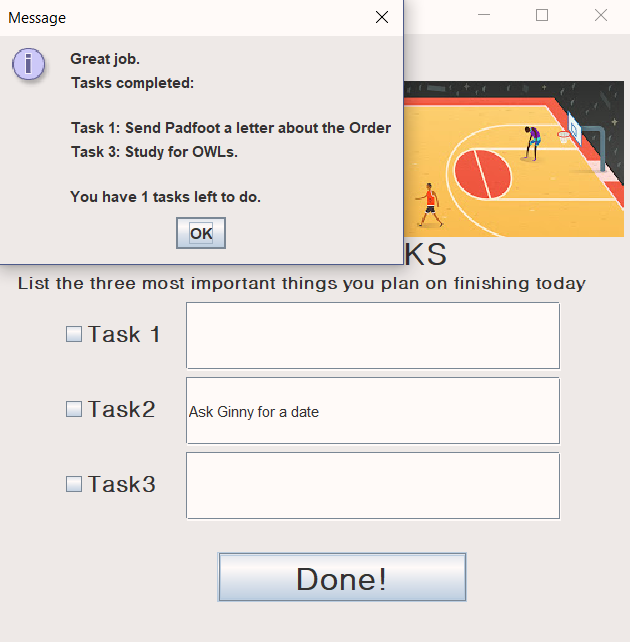
The application opens on the Navigator Page. ‘Take a quiz’ and ‘List today’s tasks’, on clicking, redirect to the quiz menu and To-Do List respectively.



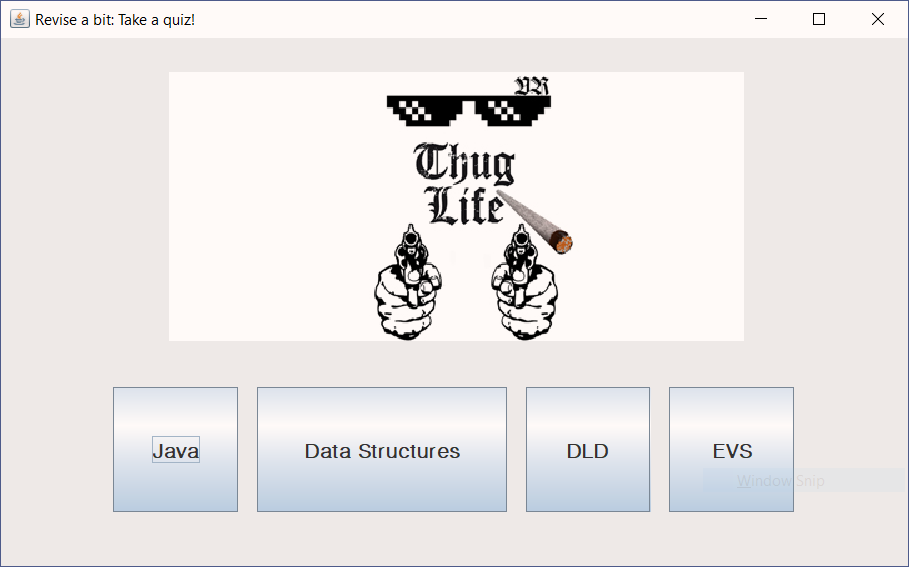
On selecting the second option, a prompt for entering a name is displayed. The name so entered appears as the header on the list of the new To-Do List. An empty To-Do List looks like this:



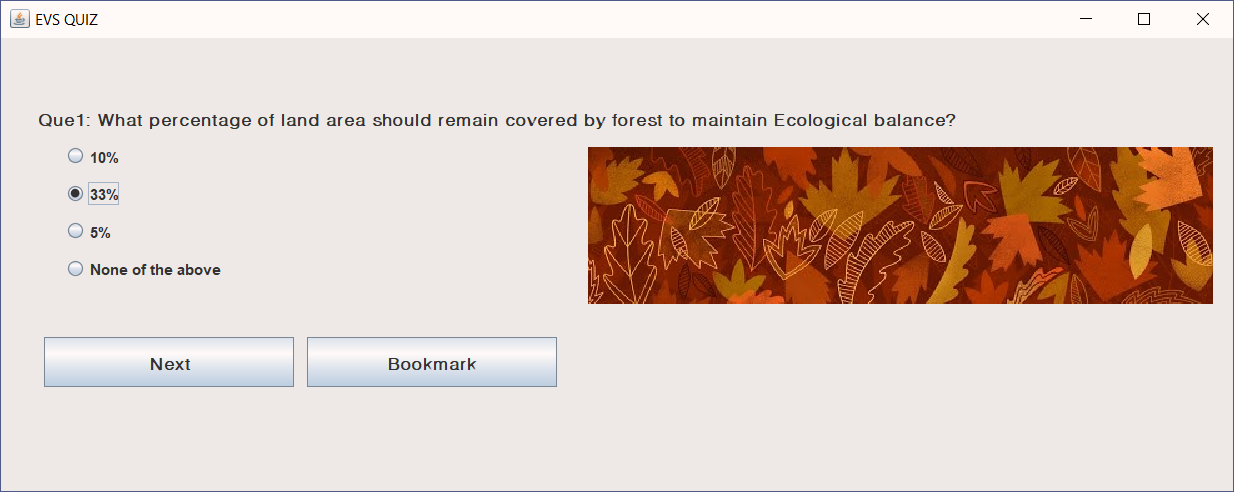
While running in an IDE, multiple lists can be generated. The tasks in the list are tracked according to their completion independently for different lists.

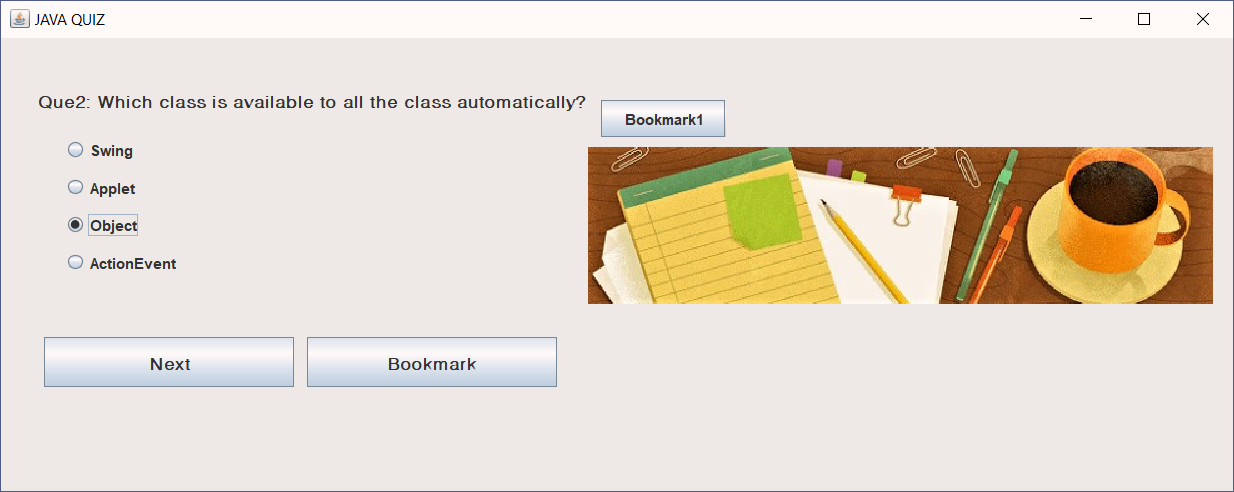
A task one marked as done, is cleared. A reminder is displayed on clicking on ‘Done!’. New asks may be added.

On selecting the option for the quiz from the Navigation Page, the following frame appears:  
  


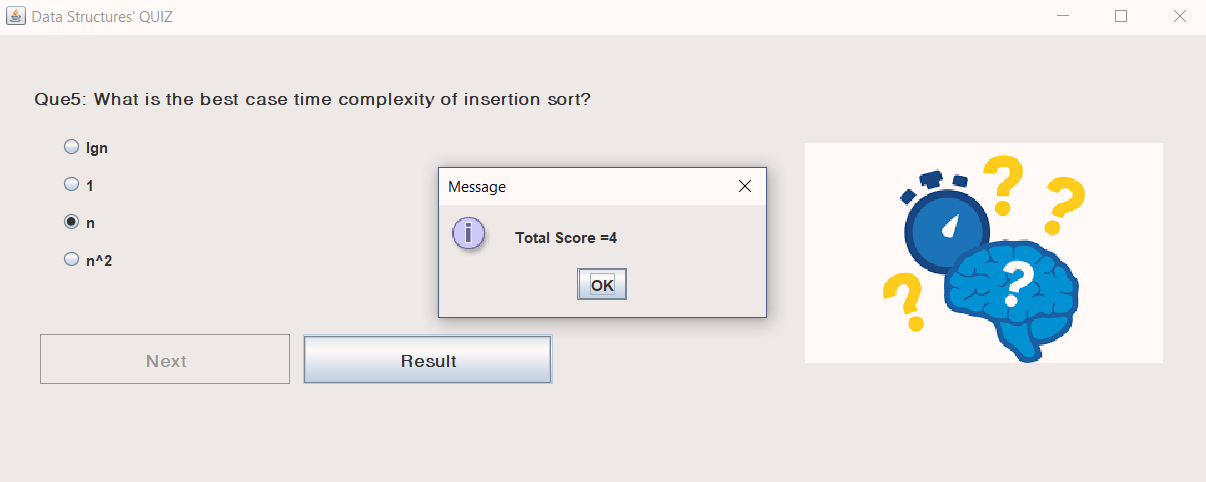
Questions are displayed according to the subject selected:



The bookmarked questions may be visited once again by clicking on the ‘Bookmark[number]’ button. The button appears only if a question has been previously labelled accordingly by the user:



After reaching the final question, the result is displayed in a message prompt that is flashed on clicking on ‘Result’:



# Future Scope

## release

// add

## Basic modifications

// Kya hai?

## FEATURE ADDITIONS

/\* blah blah

* **Feature one**  
  something
* **Feature two**something else

\*/

# Bug Reports and Challenges

## Viewing experience

// IDE mein achha chalta hai aur setLocation ke coordinates uske hisaab se hain

## avoiding errors

// Ant aa gaya toh barbaad ho tum

# Bibliography

resources referred

|  |  |  |  |
| --- | --- | --- | --- |
| NAME | referred for | link |  |
| Stackoverflow Stackexchange | Resolution of errors | <https://stackoverflow.com/>  <https://stackexchange.com/> |  |
| java T point | Swing Basics | <https://www.javatpoint.com/java-swing> |  |
| Tutorials Point | <https://www.tutorialspoint.com/swing/> |  |

Java Mini Project, Semester 3, Year 2018-19

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