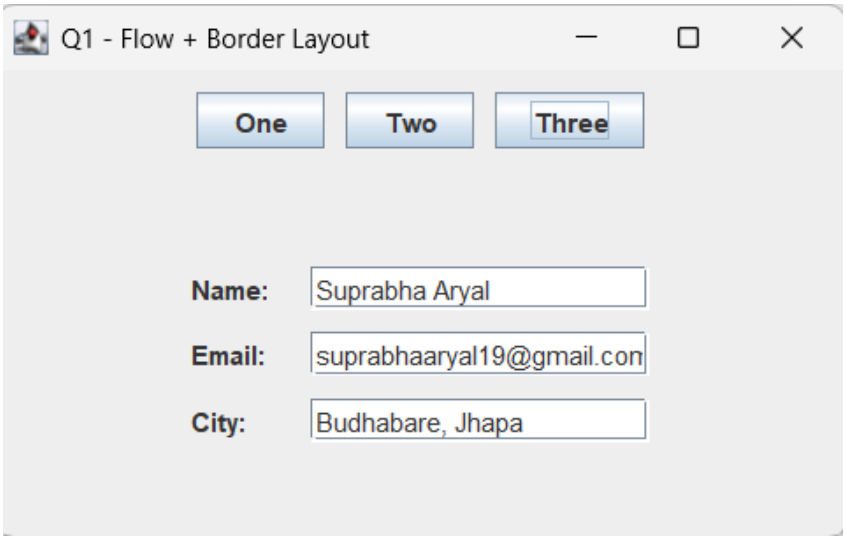
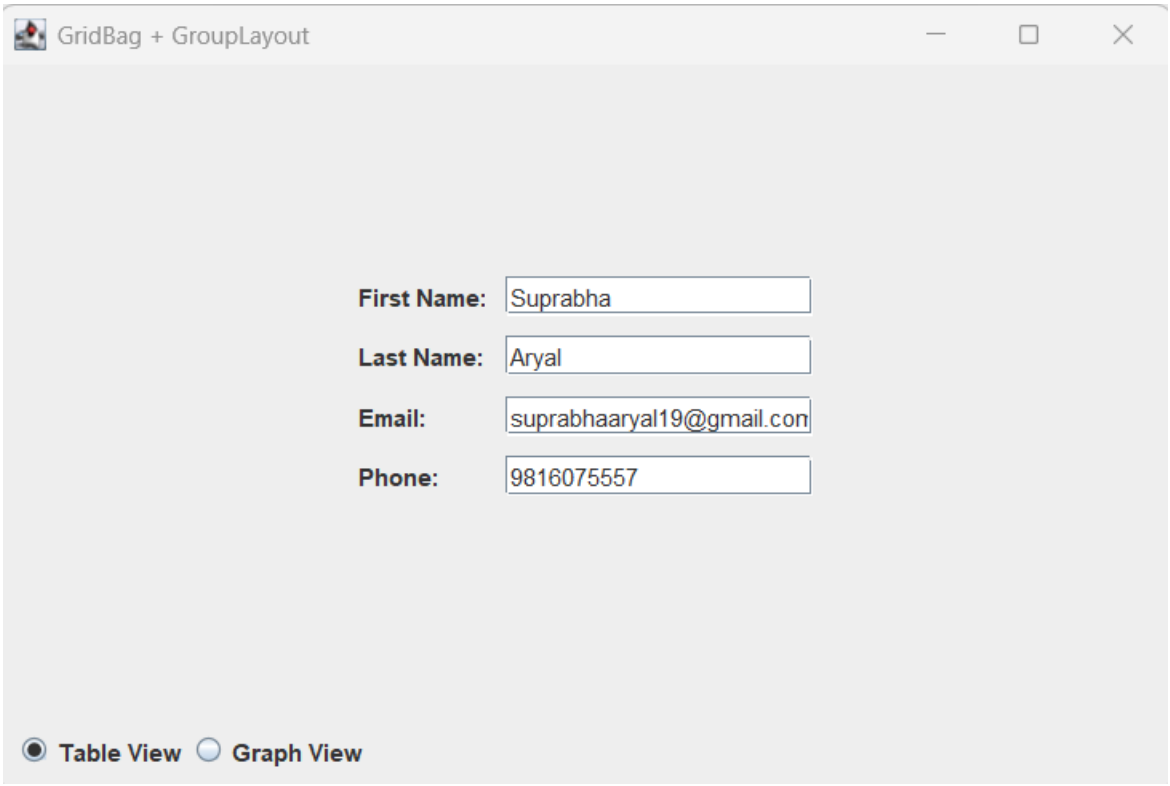
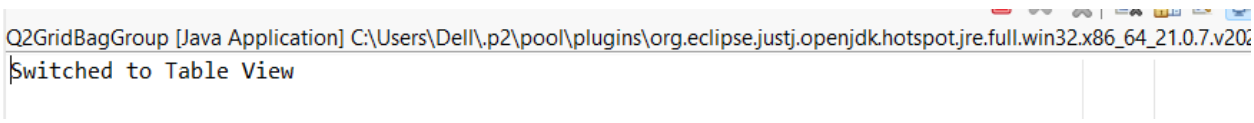
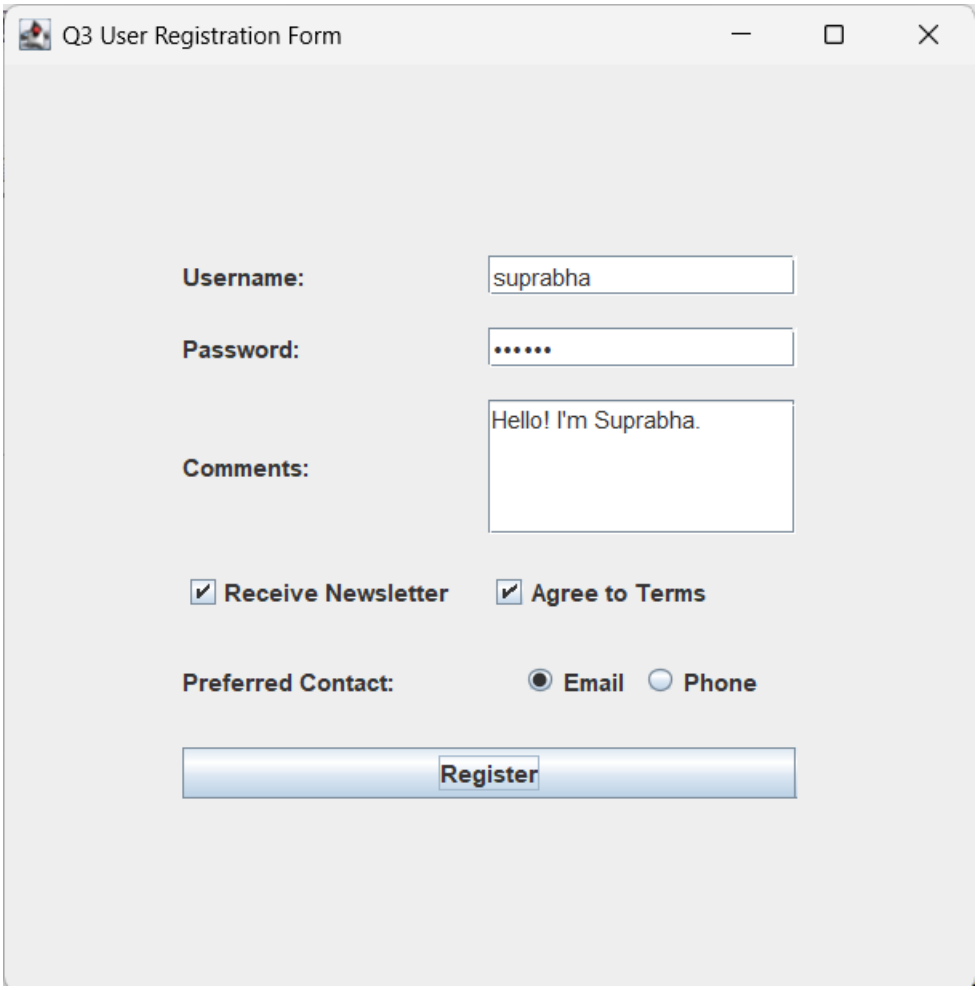
unit two

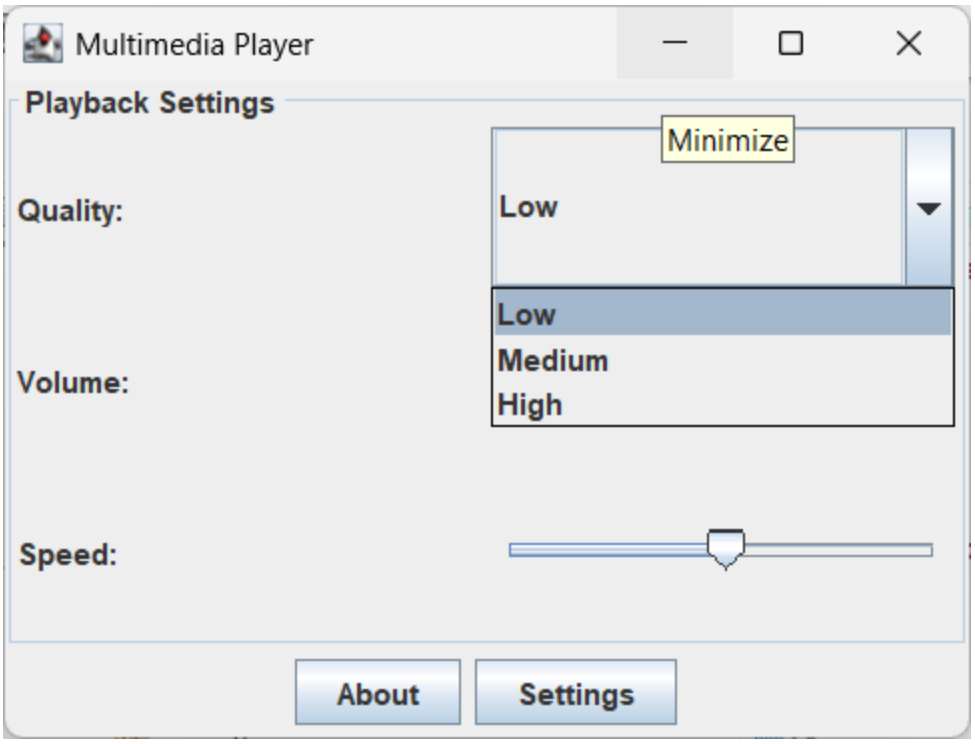

Q1 - Flow + Border Layout
One
Two
Three
Name:
Suprabha Aryal
Email:
suprabhaaryal19@gmail.con
City:
Budhabare, Jhapa

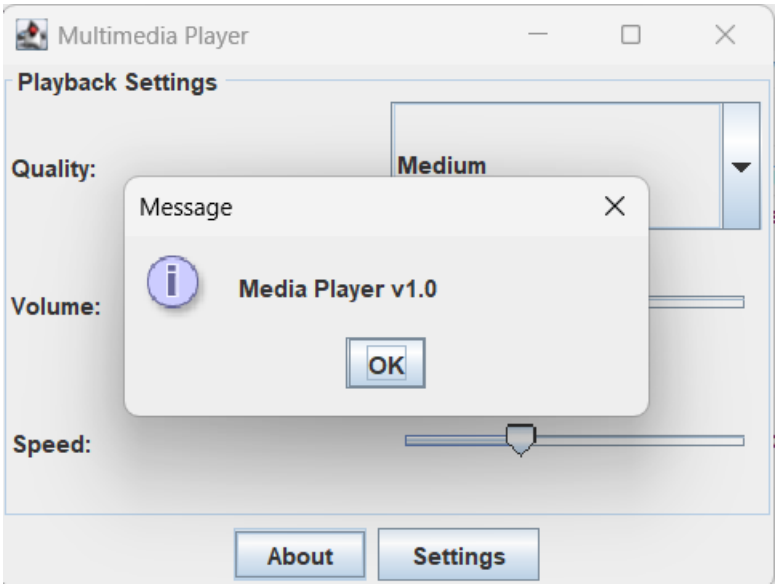

GridBag + GroupLayout
First Name:
Suprabha
Last Name:
Aryal
Email:
suprabhaaryal19@gmail.con
Phone:
9816075557
Table View
Graph View

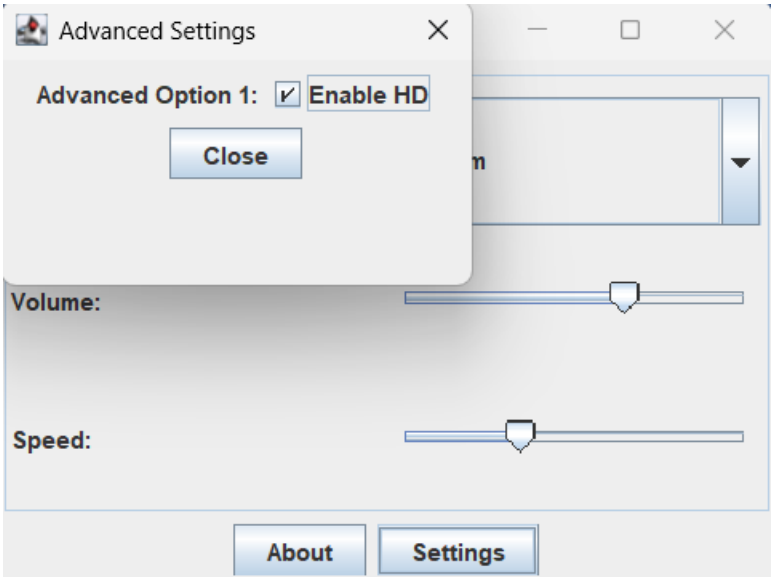

Q2GridBagGroup [Java Application] C:\Users\Dell\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_21.0.7.v202
Switched to Table View

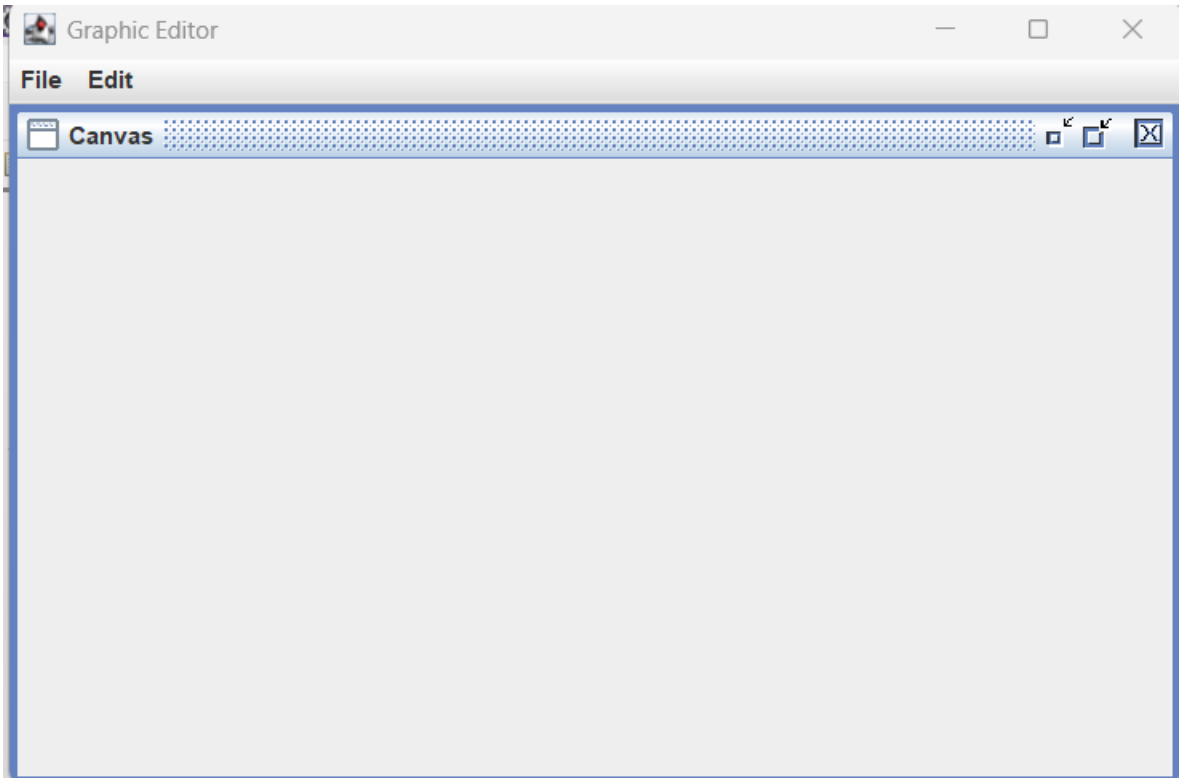

Q3 User Registration Form
Username:
suprabha
Password:
Hello! I'm Suprabha.
Comments:
Receive Newsletter
Agree to Terms
Preferred Contact:
Email
Phone
Register

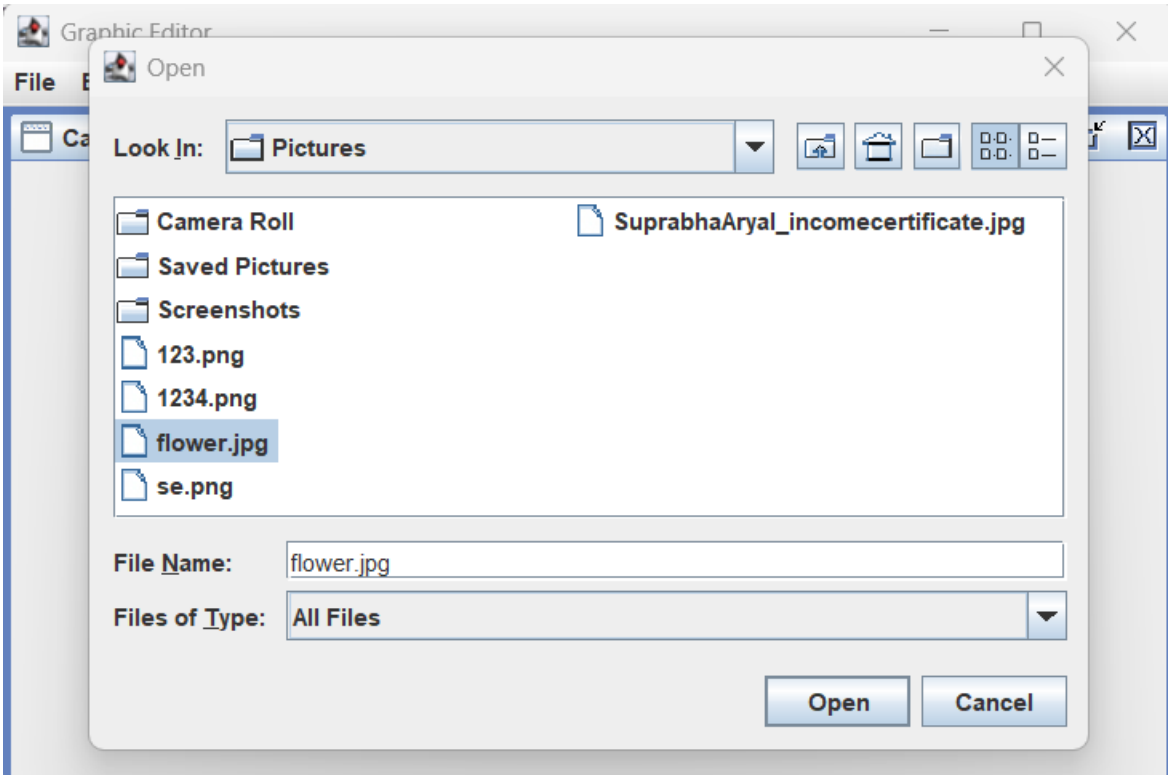
Multimedia Player
Playback Settings
Quality:
Low
Volume:
Speed:
About
Settings

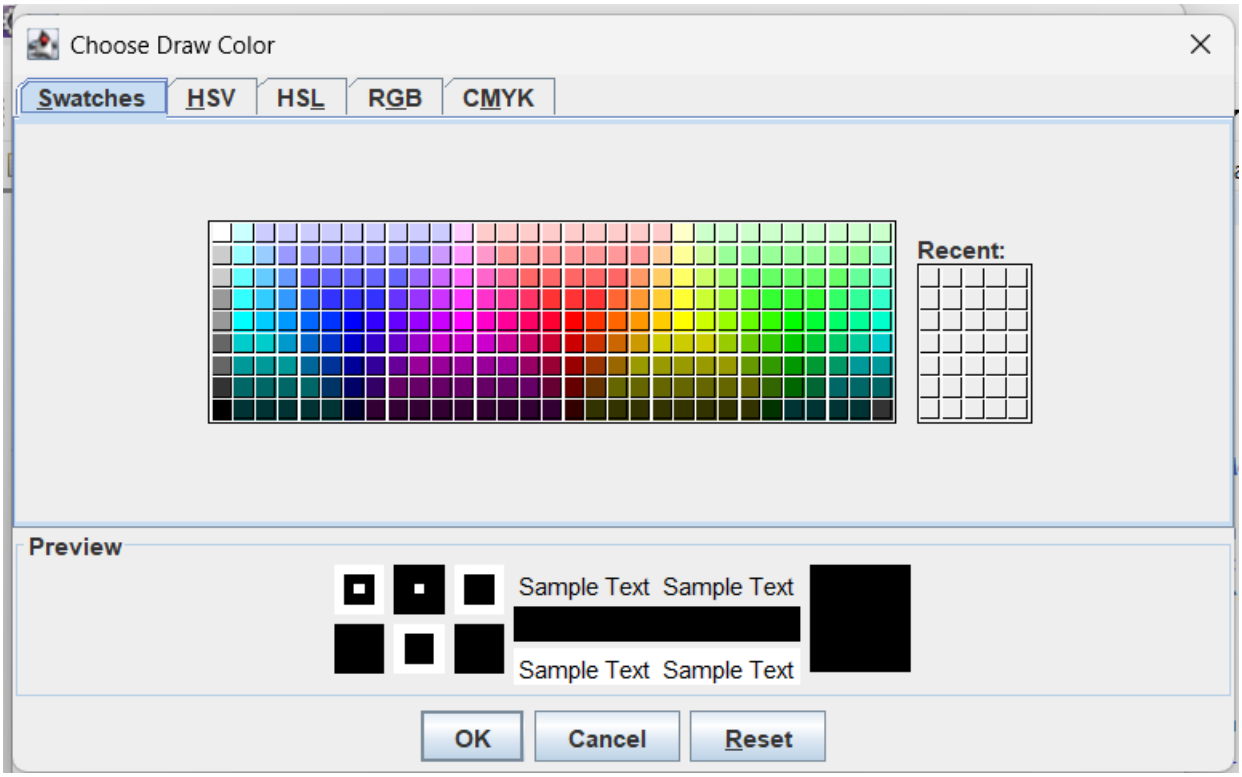

Multimedia Player
Playback Settings
Minimize
Quality:
Low
Low
Medium
High
Volume:
Speed:
About
Settings


Multimedia Player
Playback Settings
Quality:
Medium
Message
Media Player v1.0
OK
Volume:
Speed:
About
Settings


Advanced Settings
Advanced Option 1:
Enable HD
Close
Volume:
Speed:
About
Settings


Graphic Editor
File
Edit
Canvas


Graphic Editor
File
Open
Look In:
Pictures
Camera Roll
Saved Pictures
Screenshots
123.png
1234.png
flower.jpg
se.png
SuprabhaAryal_incomecertificate.jpg
File Name:
flower.jpg
Files of Type:
All Files
Open
Cancel


Choose Draw Color
Swatches
HSV
HSL
RGB
CMYK
Recent:
Preview
Sample Text Sample Text
Sample Text Sample Text
OK
Cancel
Reset

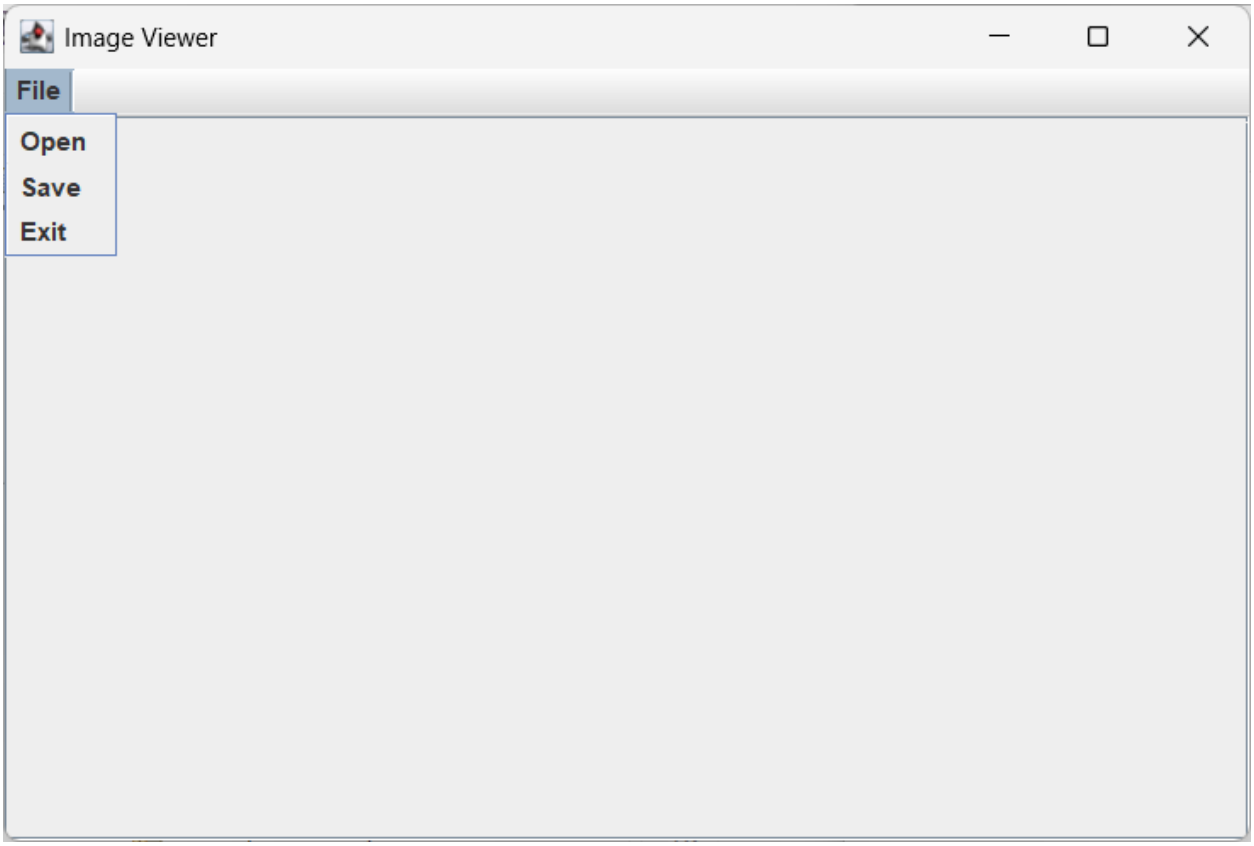


Image Viewer
File
Open
Save
Exit

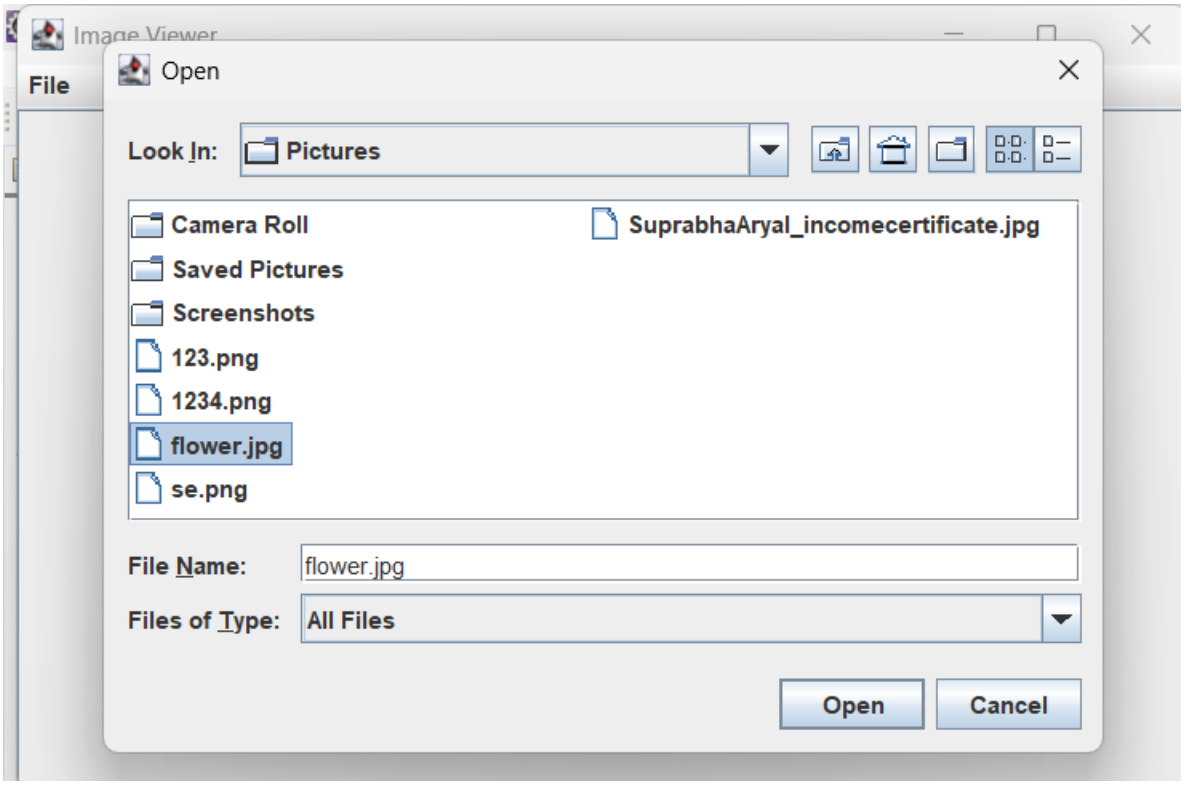
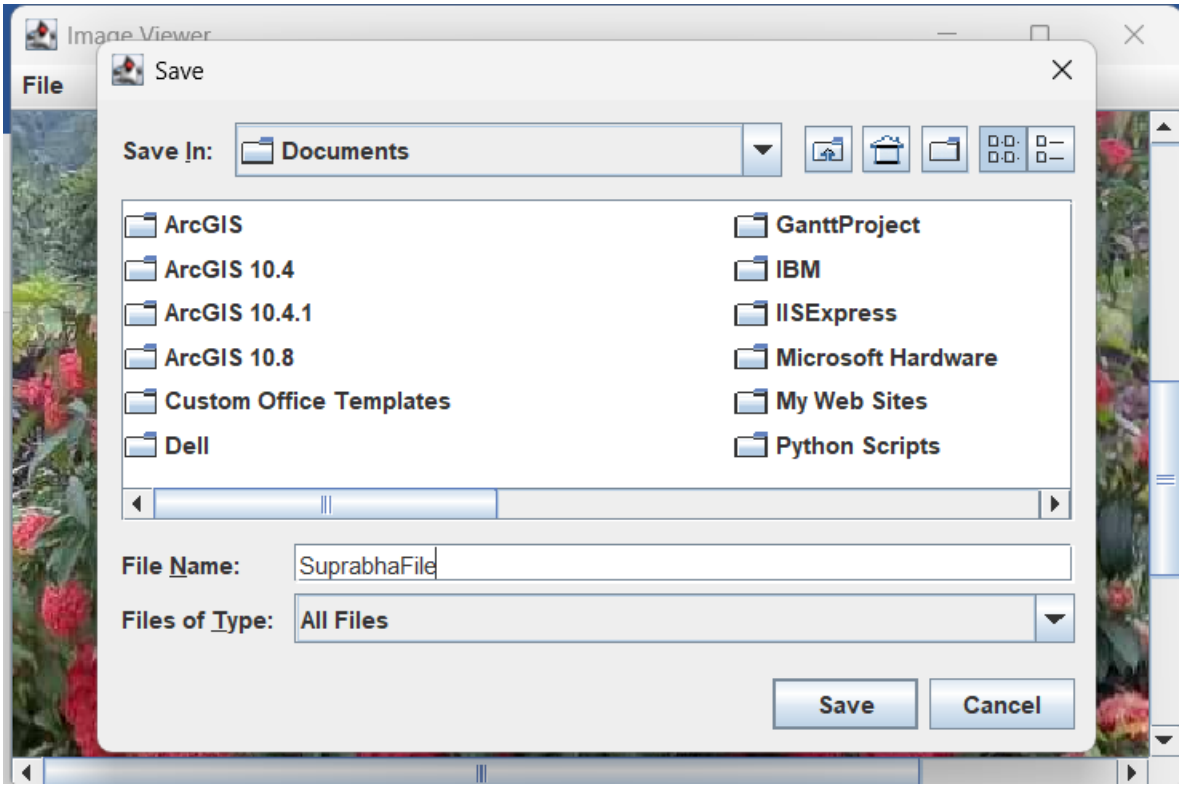
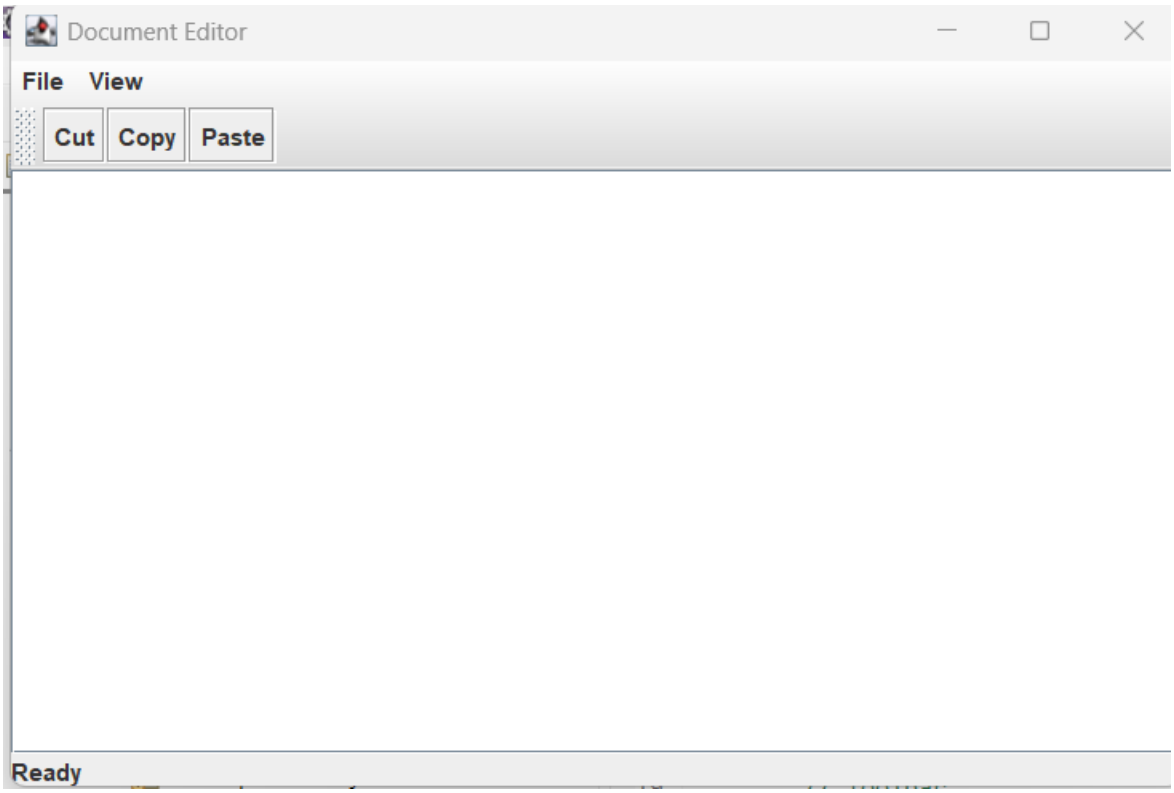
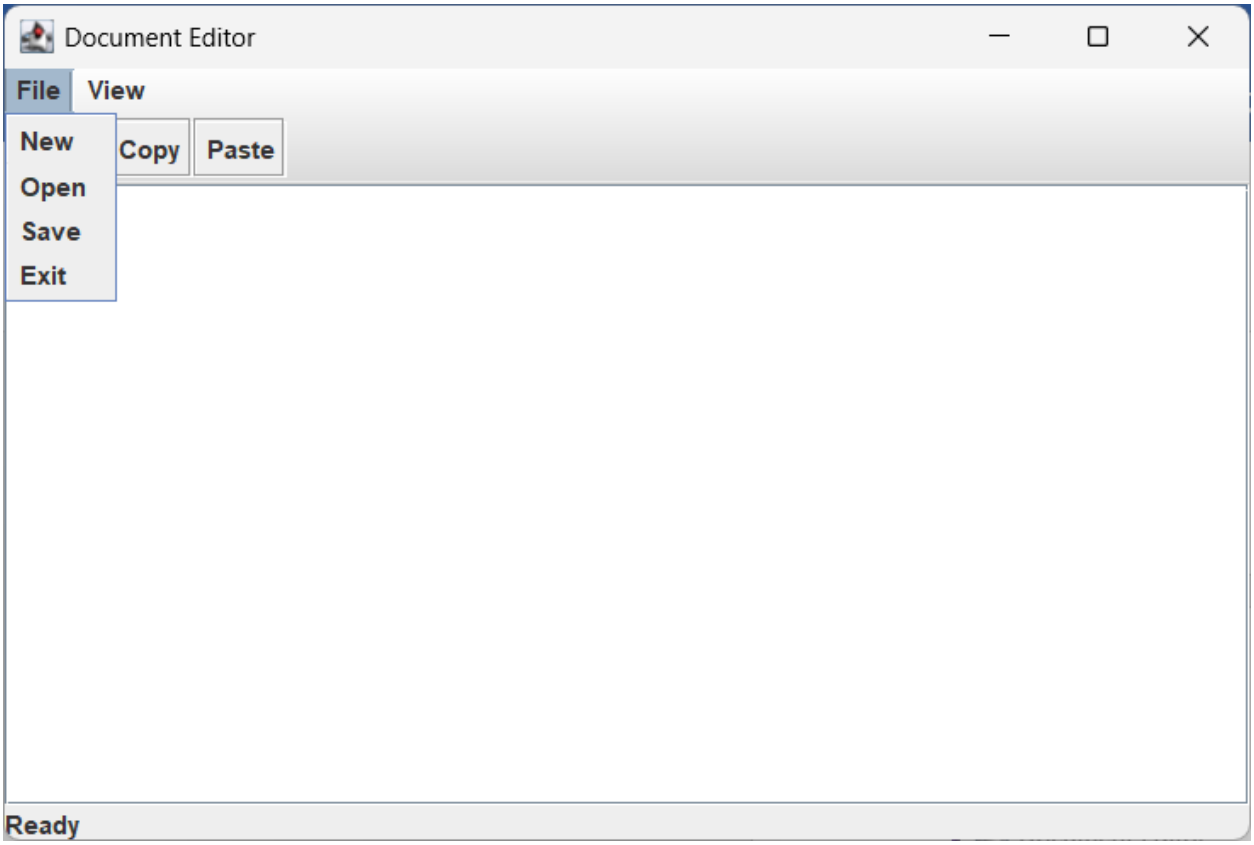


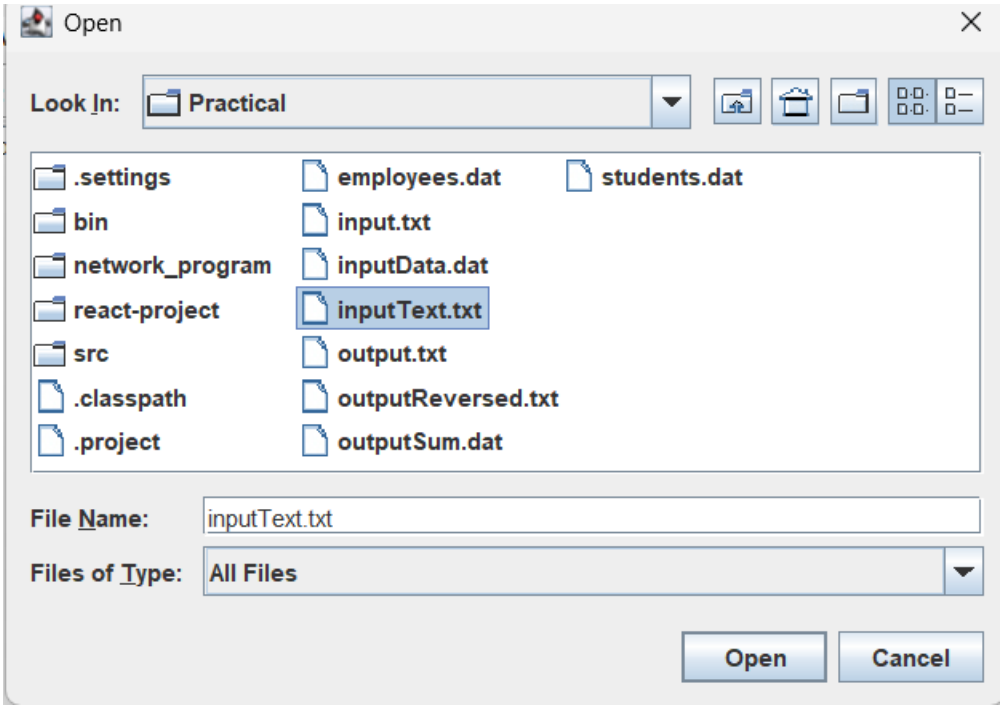
Image Viewer
File
Open
Look In:
Pictures
Camera Roll
Saved Pictures
Screenshots
123.png
1234.png
flower.jpg
se.png
SuprabhaAryal_incomecertificate.jpg
File Name:
flower.jpg
Files of Type:
All Files
Open
Cancel

Image Viewer
File

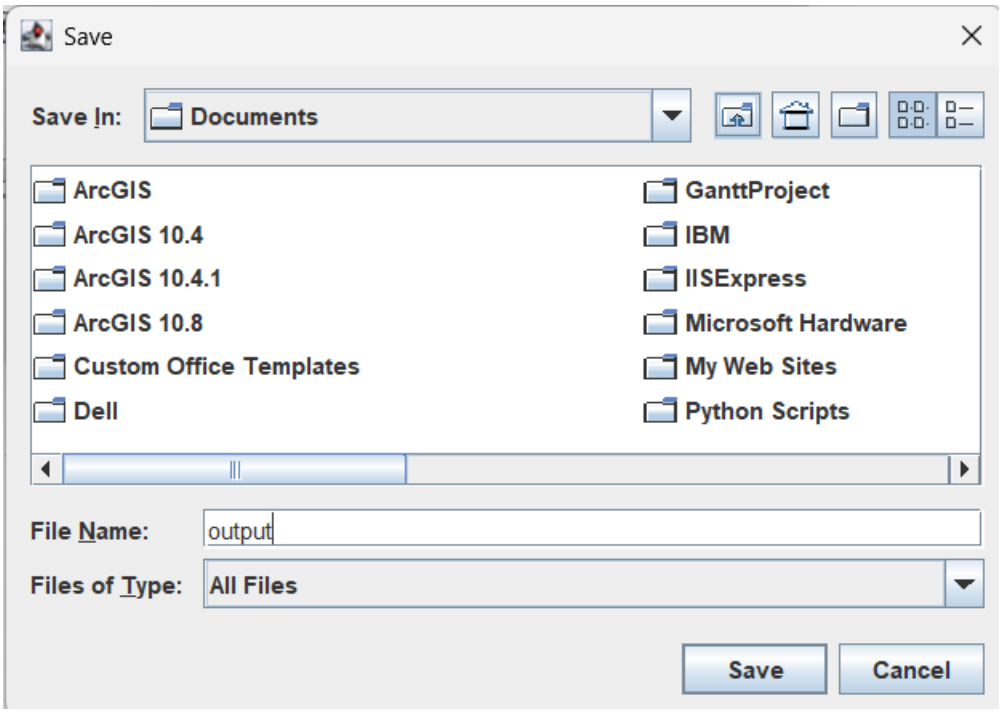

File
Save
Save In:
Documents
ArcGIS
ArcGIS 10.4
ArcGIS 10.4.1
ArcGIS 10.8
Custom Office Templates
Dell
GanttProject
IBM
IISExpress
Microsoft Hardware
My Web Sites
Python Scripts
File Name:
SuprabhaFile
Files of Type:
All Files
Save
Cancel

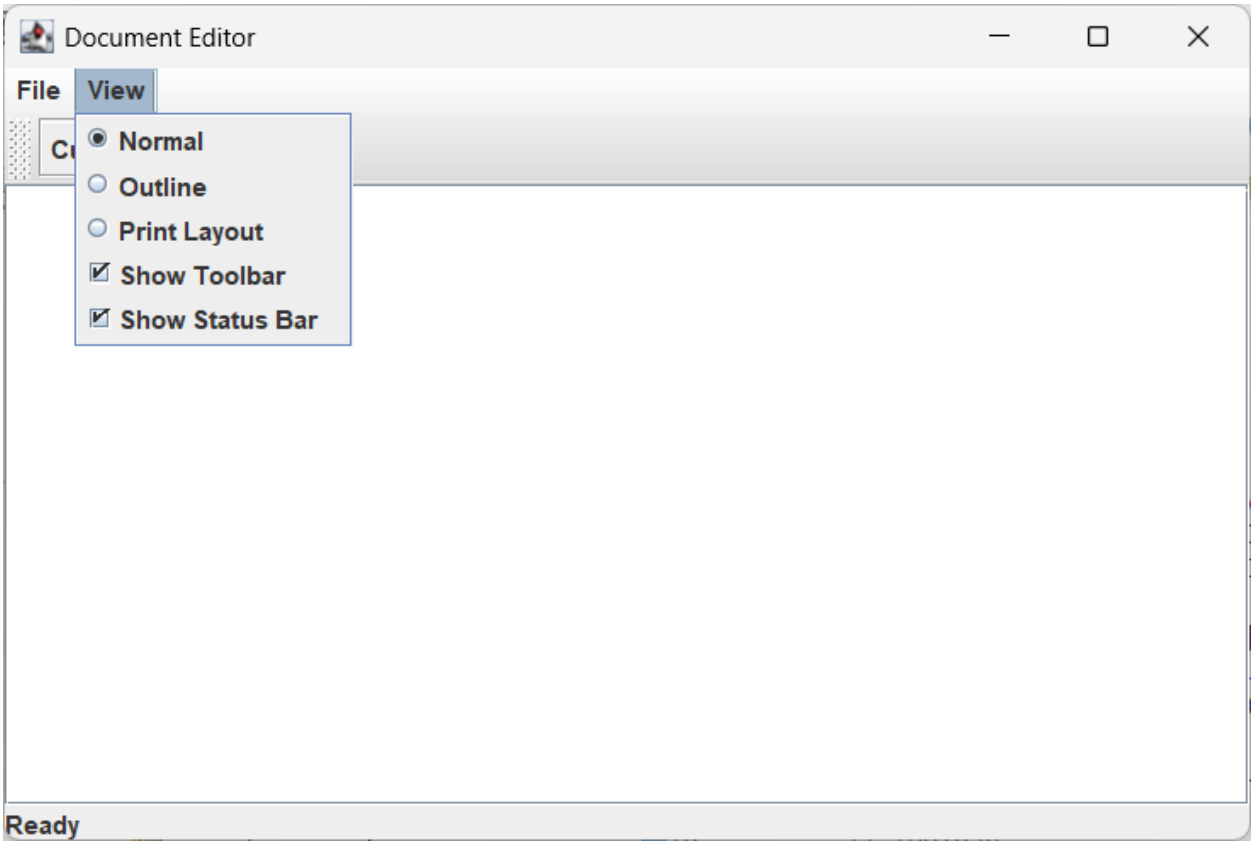

Document Editor
File
View
Cut
Copy
Paste
Ready

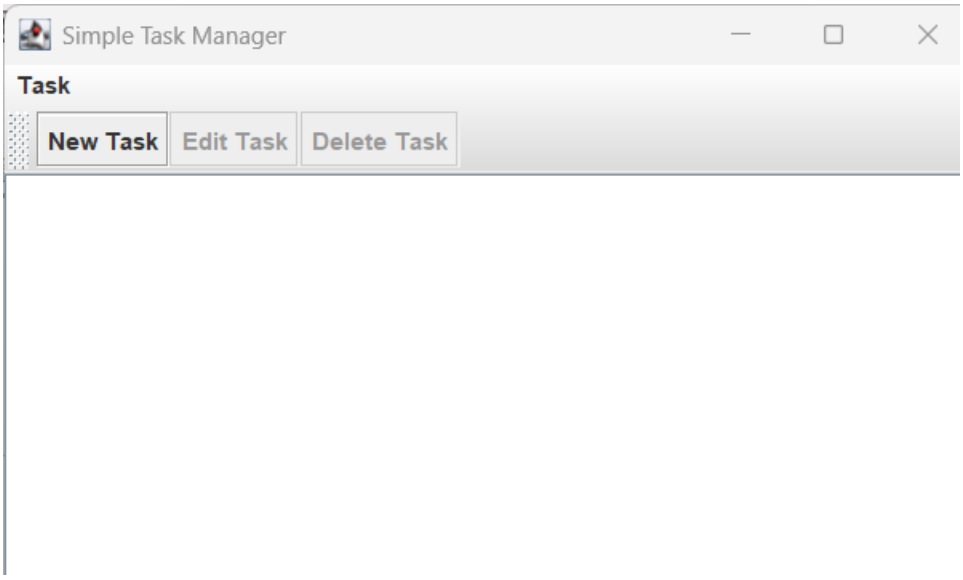

Document Editor
File
View
New
Open
Save
Exit
Copy
Paste
Ready

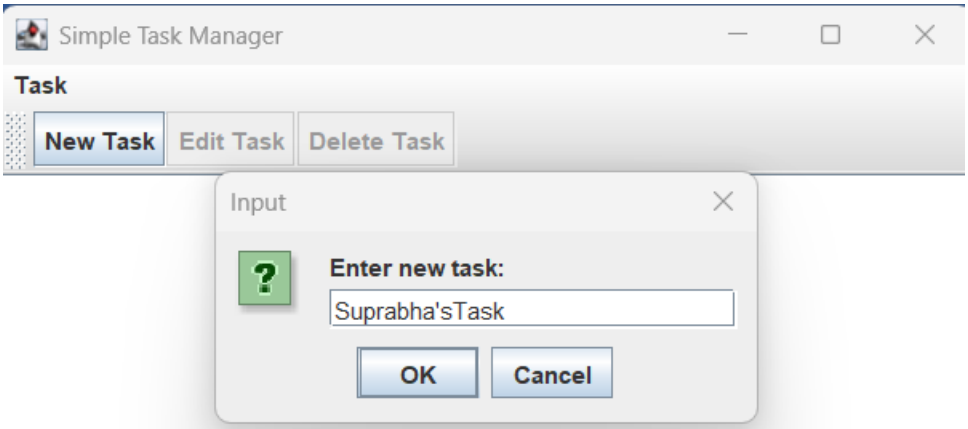

Open
Look In:
Practical
.settings
bin
network_program
react-project
src
.classpath
.project
employees.dat
input.txt
inputData.dat
inputText.txt
output.txt
outputReversed.txt
outputSum.dat
students.dat
File Name:
inputText.txt
Files of Type:
All Files
Open
Cancel

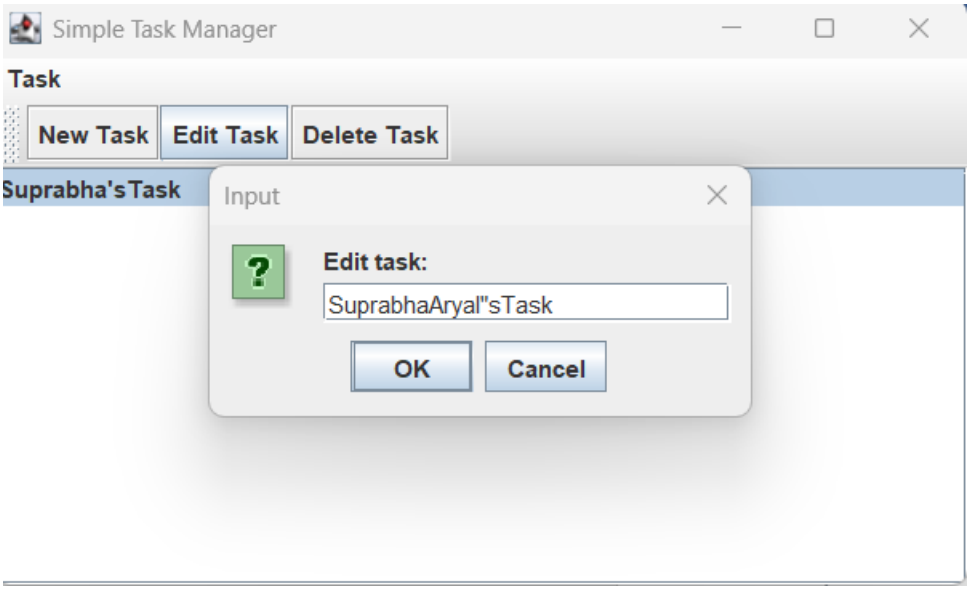
Document Editor
File
View
Cut
Copy
Paste
Hello World
Java is awesome
Let's reverse this!
Ready

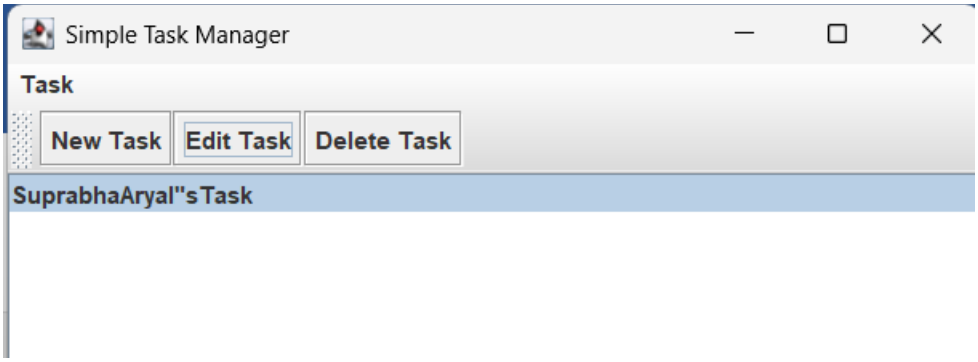

Save
Save In:
Documents
ArcGIS
ArcGIS 10.4
ArcGIS 10.4.1
ArcGIS 10.8
Custom Office Templates
Dell
GanttProject
IBM
IISExpress
Microsoft Hardware
My Web Sites
Python Scripts
File Name:
output
Files of Type:
All Files
Save
Cancel

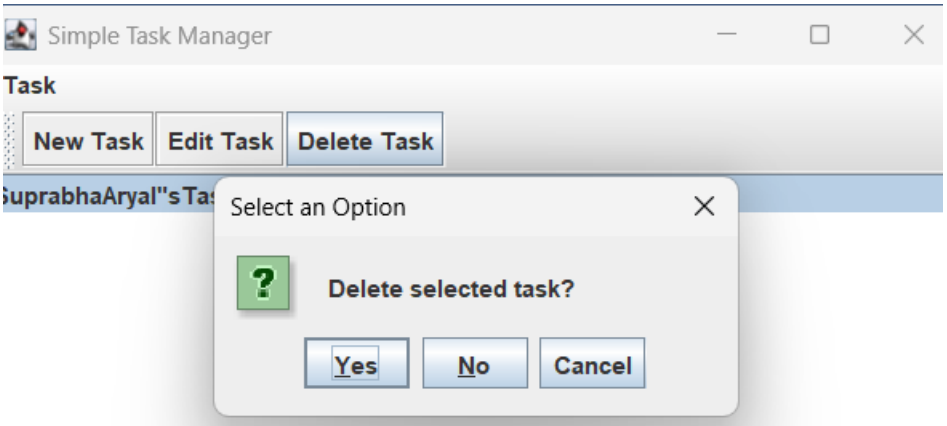

Document Editor
File
View
Normal
Outline
Print Layout
Show Toolbar
Show Status Bar
Ready

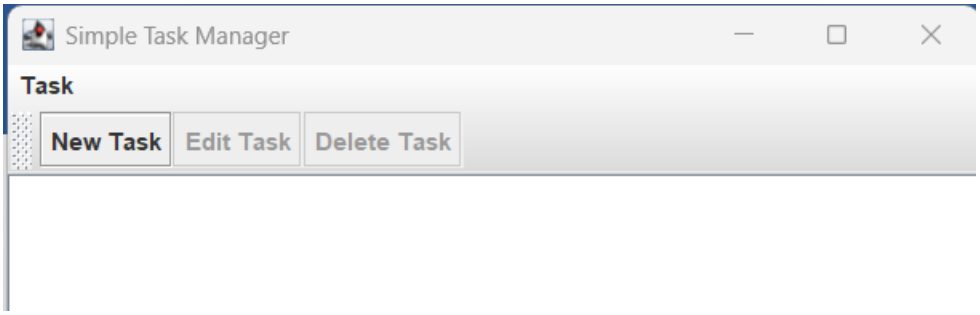

Simple Task Manager
Task
New Task
Edit Task
Delete Task


Simple Task Manager
Task
New Task
Edit Task
Delete Task
Input
Enter new task:
Suprabha'sTask
OK
Cancel

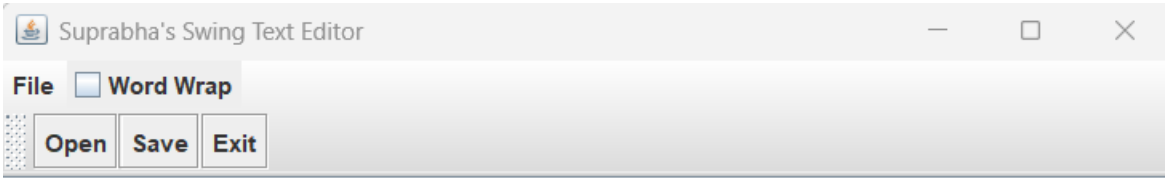

Simple Task Manager
Task
New Task
Edit Task
Delete Task
Suprabha'sTask
Input
Edit task:
SuprabhaAryal"sTask
OK
Cancel

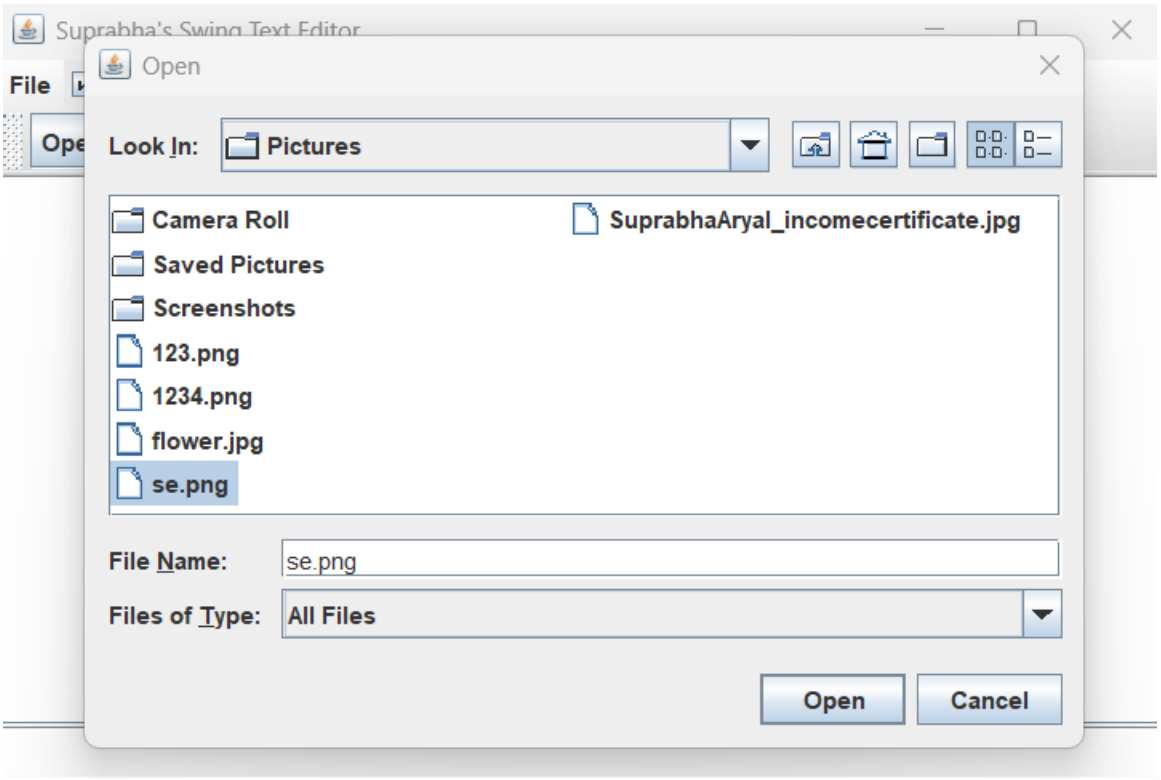

Simple Task Manager
Task
New Task
Edit Task
Delete Task
SuprabhaAryal"sTask


Simple Task Manager
Task
New Task
Edit Task
Delete Task
Select an Option
Delete selected task?
Yes
No
Cancel

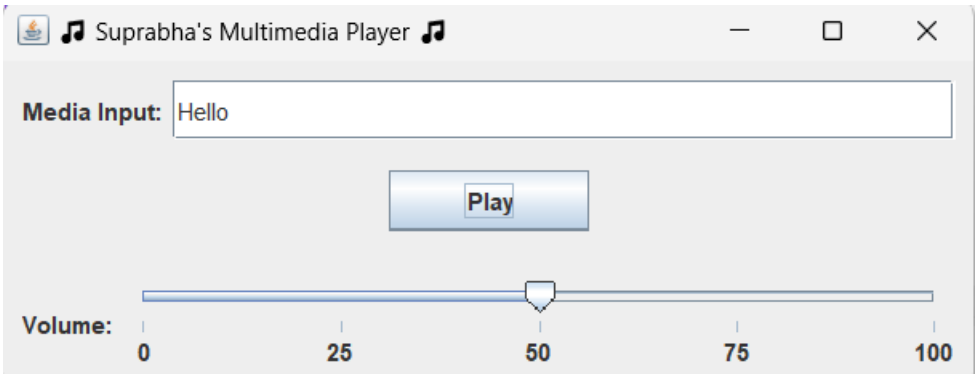

Simple Task Manager
Task
New Task
Edit Task
Delete Task

unit three


Suprabha's Swing Text Editor
File
Word Wrap
Open
Save
Exit

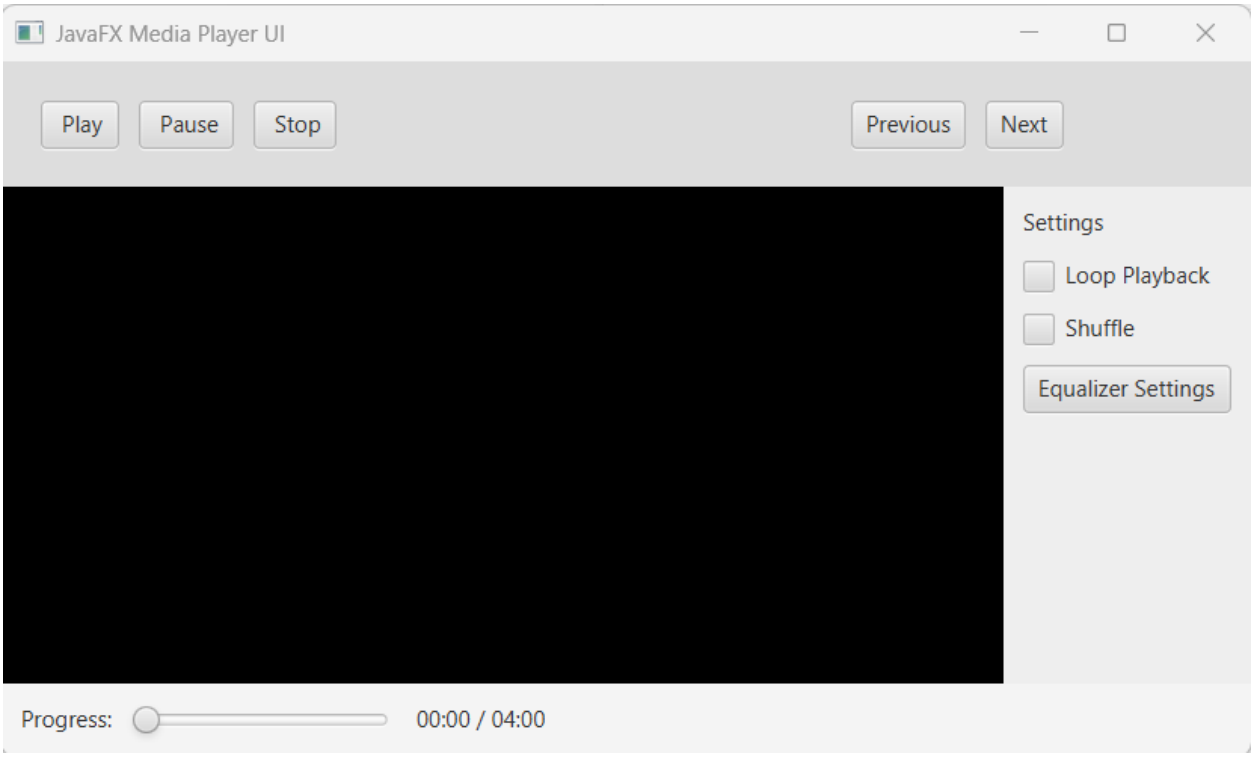



```
<terminated> FullSwingTextEditor [Java Application] C:\Program Files\Java\jdk-24\bin\javaw.exe  (Jul 7, 2025, 7:31:16 AM – 7:32:35 AM ela
Window opened.
Word wrap enabled
Word wrap disabled
Word wrap enabled
File opened: C:\Users\Dell\OneDrive\Pictures\se.png
Window closing...
```

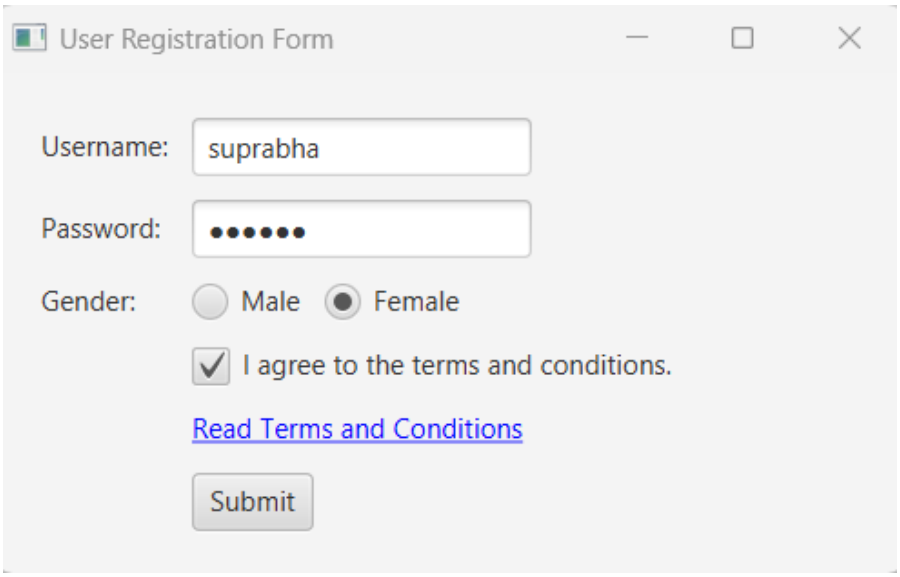


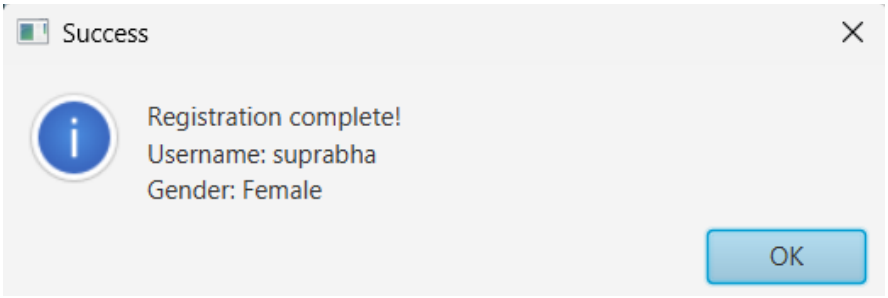
```
MultimediaPlayerUI [Java Application] C:\Program Files\Java\jdk-24\bin\javaw.exe  (Jul 7, 2025, 7:35:41 AM elapsed: 0:00:21)
Typed in input field: H
Typed in input field: e
Typed in input field: l
Typed in input field: l
Typed in input field: o
▶ Playback started.
⏸ Playback paused.
▶ Playback started.
🔊 Volume adjusted to: 50
🔊 Volume adjusted to: 57
🔊 Volume adjusted to: 68
```

unit four



```
JavaFXMediaPlayerLayout [Java Application] C:\Program Files\Java\jdk-24\bin\javaw.exe  (Jul 7, 2025, 7:38:48 AM elapsed: 0:01:27) [pid: 61
 Pause clicked
 Stop clicked
Playback position changed: 21%
 Previous clicked
 Next clicked
 Play clicked
Playback position changed: 40%
Playback position changed: 66%
Playback position changed: 47%
Playback position changed: 29%
Playback position changed: 17%
Playback position changed: 50%
Playback position changed: 66%
Playback position changed: 84%
Playback position changed: 23%
Playback position changed: 37%
Playback position changed: 54%
```





```
SuprabhasInventoryManager [Java Application] C:\Users\Dell\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86
1. View Low Stock
2. Add Product
3. Update Quantity
4. Delete Product
5. Exit
Choose: 1
2 | Notebook | 5 | 60.00
3 | Pencil | 8 | 5.50
4 | Marker | 3 | 20.00
1. View Low Stock
2. Add Product
3. Update Quantity
4. Delete Product
5. Exit
Choose: 2
Name:  White Board
Quantity: 5
Price:  100.00
Product added.
```

```
SuprabhasInventoryManager [Java Application] C:\Users\Dell\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86
1. View Low Stock
2. Add Product
3. Update Quantity
4. Delete Product
5. Exit
Choose: 3
Enter Product ID to update: 3
New Quantity: 7
Quantity updated.
1. View Low Stock
2. Add Product
3. Update Quantity
4. Delete Product
5. Exit
Choose: 4
Enter Product ID to delete: 6
```

```
<terminated> SuprabhaMultipleResultDemo [Java Application] C:\Users\Dell\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.ful

Result Set 1:
product_id          product_name        quantity            price
1                   Pen                 60                  10
2                   Notebook            5                   60
3                   Pencil              7                   5.5
4                   Marker              3                   20
5                   Eraser              15                  2.5

Result Set 2:
total_products
5

Result Set 3:
product_name
Notebook
Pencil
Marker
```

```
<terminated> SuprabhaScrollAndUpdateInventory [Java Application] C:\Users\Dell\.p2\pool\plugins\org.eclipse.justj.oper
Total rows: 5
First row product: Pen
Row updated.
Updated First row product: Copy
```

```
<terminated> SuprabhaRowSetDemo [Java Application] C:\Users\Dell\.p2\pool\plugins\org.eclipse.justj.openjdk.hotsp
Connected RowSet:
1 - Copy
2 - Notebook
3 - Pencil
4 - Marker
5 - Eraser

Cached RowSet (Disconnected):
1 - Copy
2 - Notebook
3 - Pencil
4 - Marker
5 - Eraser
```

```
<terminated> SuprabhaTransactionDemo [Java Application] C:\Users\Dell\.p2\pool\plugins\org.eclipse.justj.openj
Connected to database.
Transaction committed successfully.
```

	product_id	product_name	quantity	price
Edit Copy Delete	1	Copy	65	10
Edit Copy Delete	2	Notebook	5	60
Edit Copy Delete	3	Pencil	7	5.5
Edit Copy Delete	4	Marker	3	20
Edit Copy Delete	5	Eraser	15	2.5
Edit Copy Delete	6	White Board	25	15