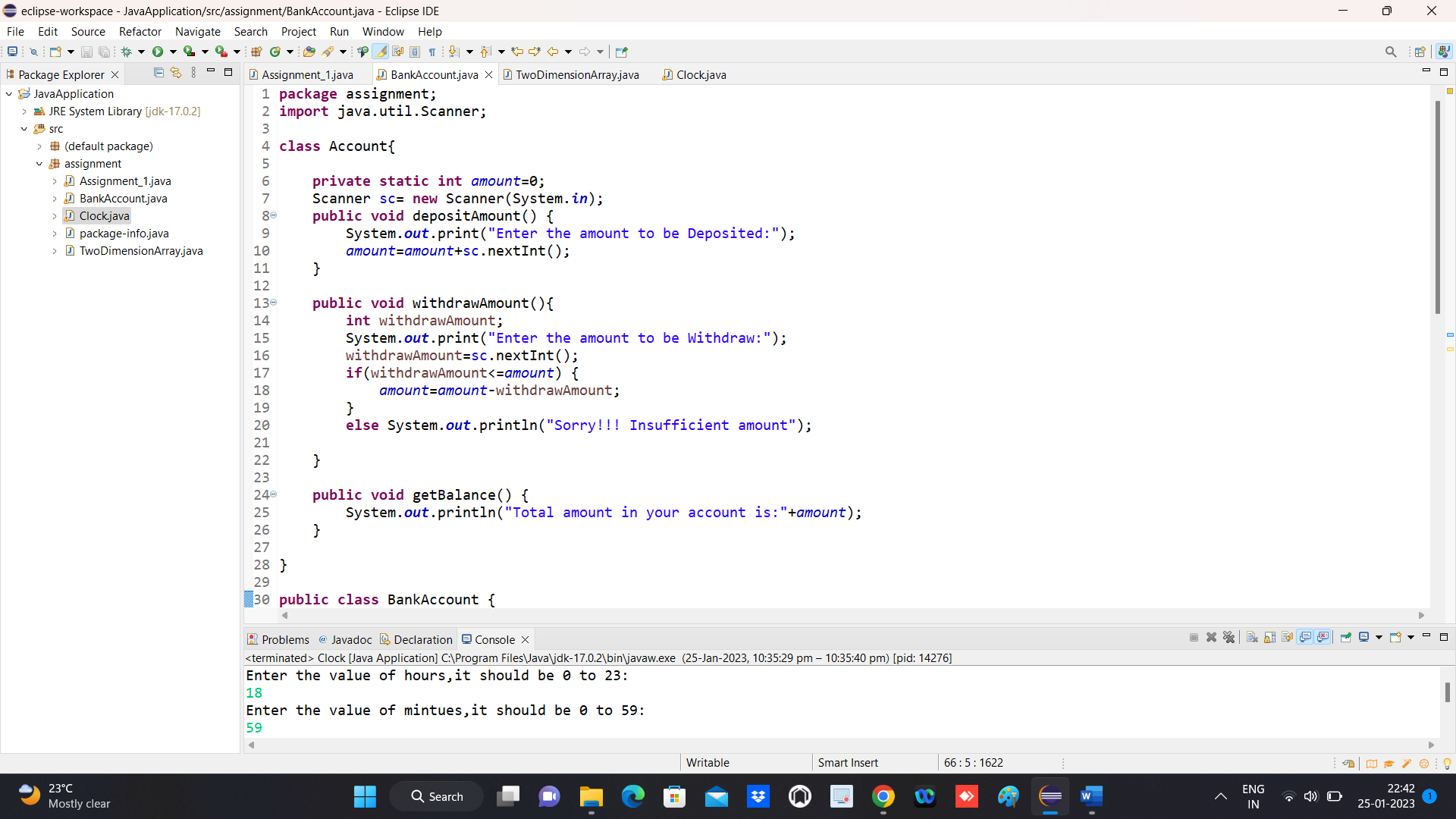
**Assignment 4**

**1.Solution**



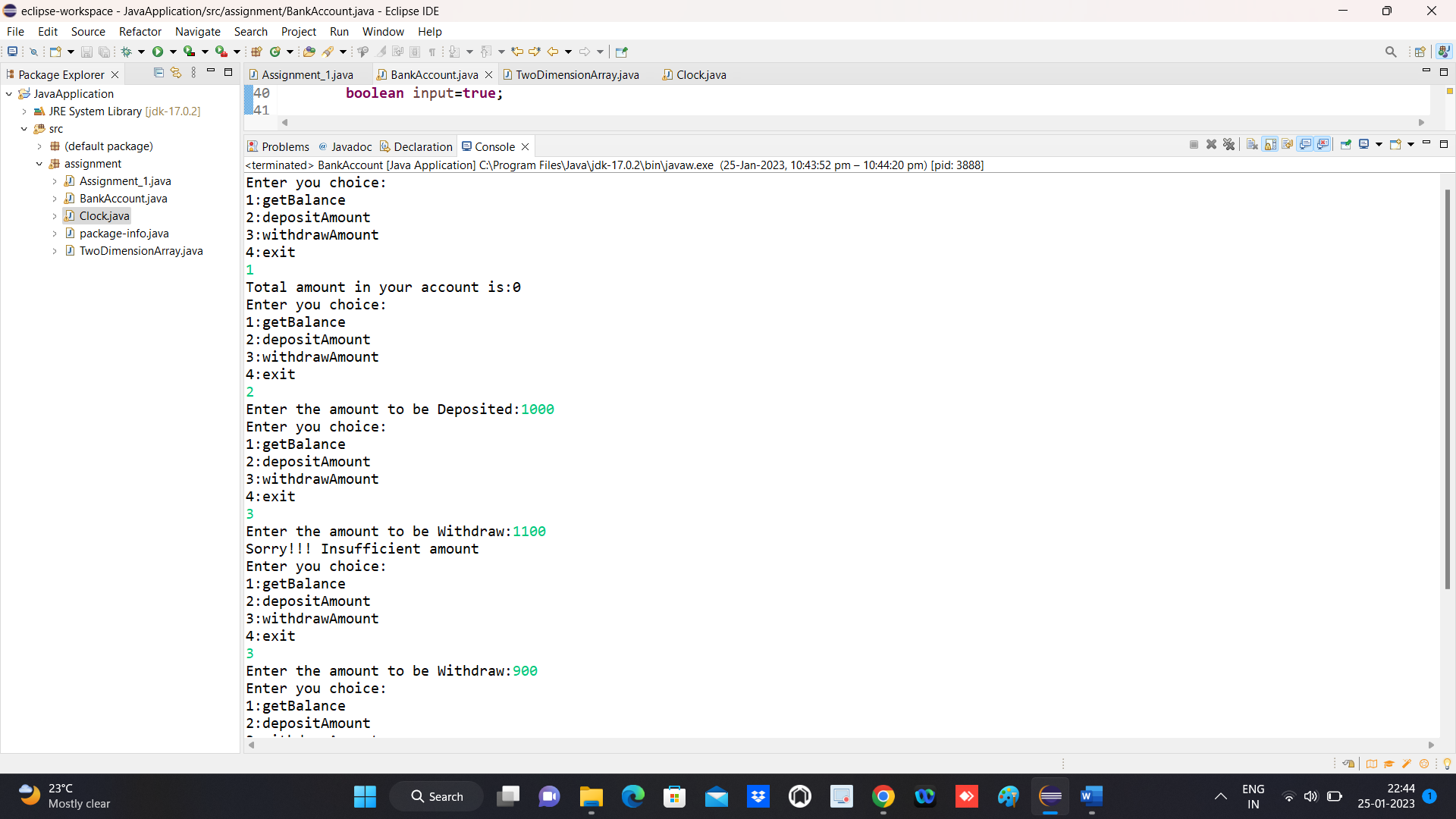
Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

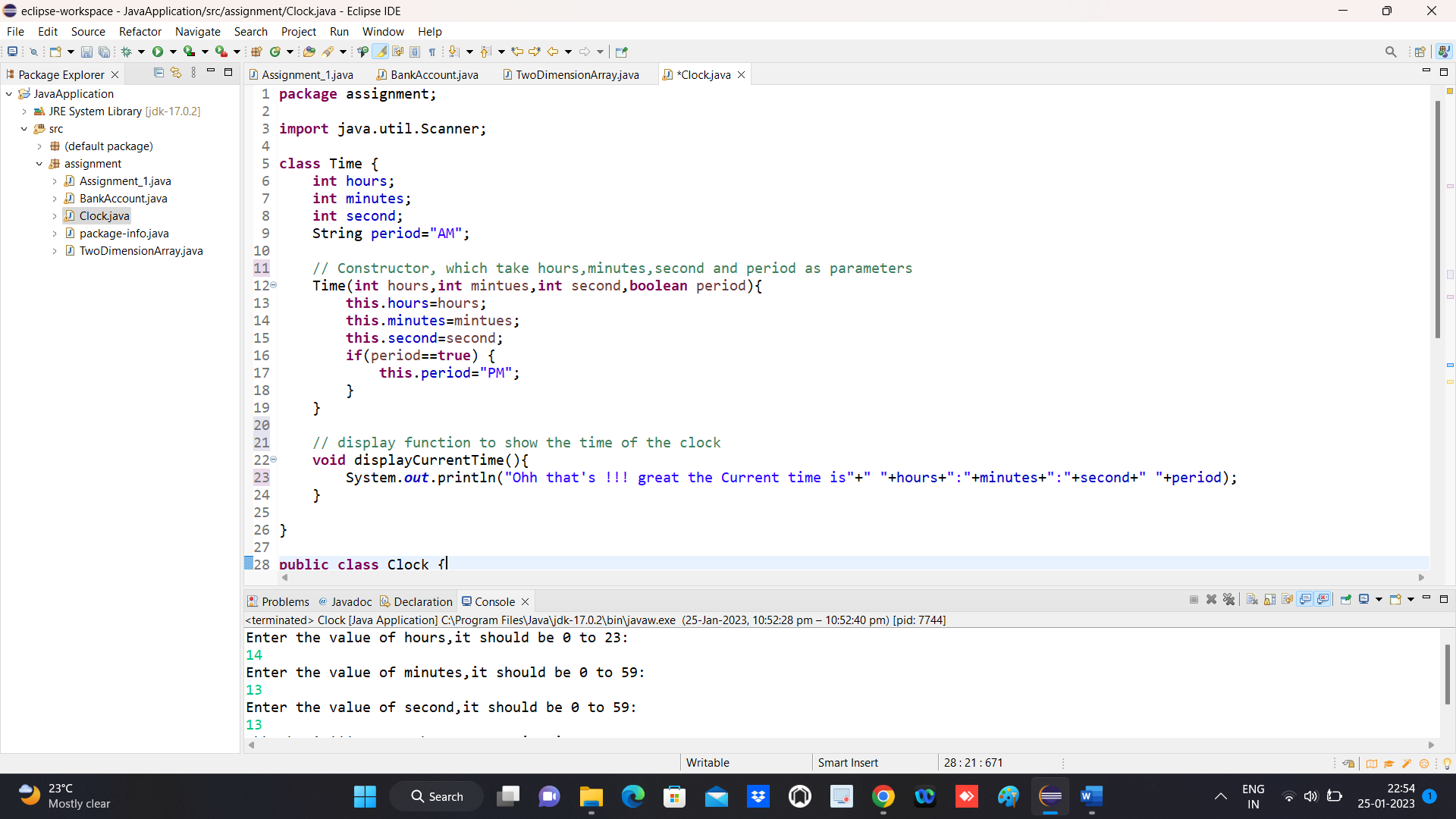
**OUTPUT**



Graphical user interface, text, application

Description automatically generated

**2.Solution**



Graphical user interface, text, application

Description automatically generated

**OUTPUT**

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated