Task 1:

Actual complete code is in the code for reference folder →OOAD → Bridge Method

Part of the code -main.java

public class Square extends Shape{

    private int s;

    // ExcalidrawAPI excalidrawAPI;

    Square(int s,ExcalidrawAPI excalidrawAPIobj ) {

        super(excalidrawAPIobj);

        // super(ExcalidrawAPI excalidrawAPI); // need to check

        this.s = s;

    }

    @Override

    void draw() {

        excalidrawAPI.drawSquare(s);

    }

}

Task 02

Composite

Actual complete code is in the code for reference folder →OOAD →

Task 03:

Facade

Actual complete code is in the code for reference folder →OOAD →

