

## Lab Exercise

### DrawHouse

#### Background:

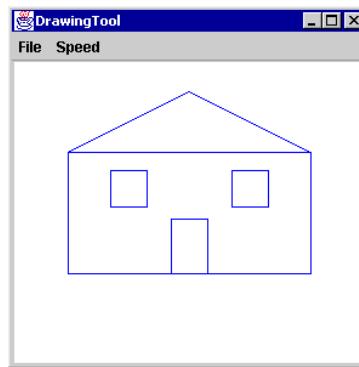
You will be provided with a file named `apcslib.jar`, which contains the code needed to implement the graphics tools to draw objects. The specifications of the drawing tools are provided in *Handout H.A.1.1 – DrawingTool*. Simply place the `apcslib.jar` file in the appropriate folder location so the Java compiler can find it. Then add this line of code

```
import apcslib.*;
```

at the top of your program and the drawing tools are available for use.

#### Assignment:

Write a program that creates a drawing area of appropriate size (try 500 x 500) and draws a house similar to the one shown below and with these specifications:



1. The house should fill up most of the drawing area, i.e. draw it big.
2. The house should be centered horizontally on the screen.
3. The house must have a sloped roof. It can be of any slope or configuration. But you cannot have a flat roof on the house.
4. Adding a door (centered) and windows is optional.

#### Instructions:

1. Include your name as a documentation statement and also a brief description of the program.
2. Call instructor to your station for scoring.