

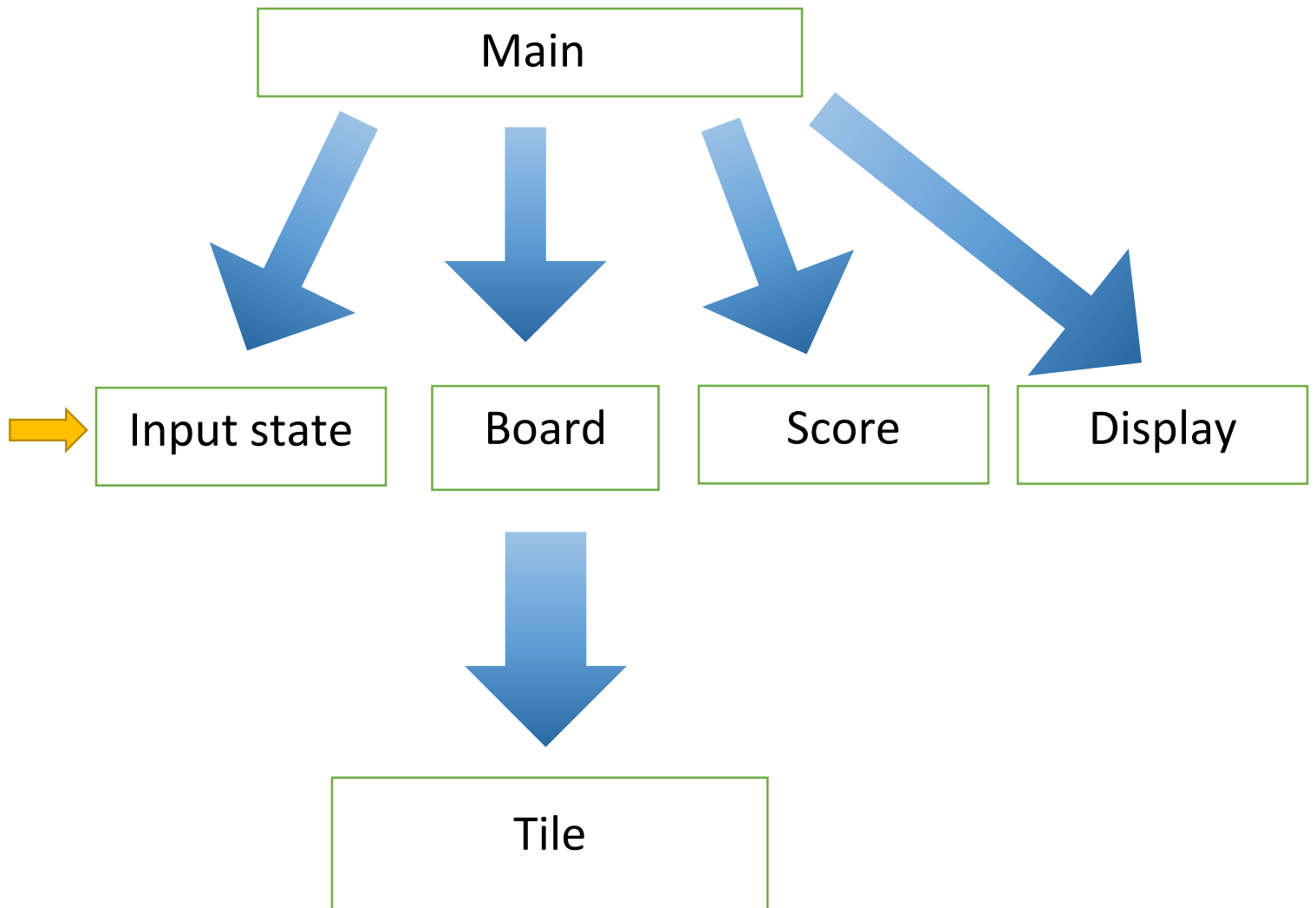
CS 351 – Design of Large Programs


Tiles Design

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# Design



 Trigger: update from mouse

## Main Description:

- Entry point for the Tiles Game.
- Initializes the JavaFX application and sets up the user interface.

## Board Class Description:

- Represents the game board.
- Manages a grid of tiles.
- Tracks tiles selection

## Score Description:

- Tracks the player's score.
- Tracks both high score (biggest streak) and current score.

## Tile Description:

- Represents an individual tile in the game.
- Holds colors for big, medium, and small rectangular parts, as well as the stroke color.

## Display:

- The GUI display, updates with information provided by main loop

## Input state:

- captures the mouse input (update by events indicated by the yellow trigger arrow)