GameMain

- Is able to run
- Initialize the game loop and Scene
- Load the game

- SuperOmario
- AnimationTimer

GameWorld

- Is an abstract class that can handle KeyEvents
- Builds and sets the game loop
- As part of the game loop, update the Sprites in game since last frame

- Background

SuperOmario

- Implements all the abstract methods in GameWorld
- Creates the winning flag
- Creates the player
- Sets images for player
- Play music
- Updates the sprites for each frame
- Checks for collisions between player and other Sprites

- BackgroundManager
- EnemyManager
- WinFlag
- Player

Sprite		
 Has a position Has a velocity Has an acceleration Has width Has height The attributes above can be modified as needed Can determine if it intersects another Sprite 	- SpriteManager	

SpriteManager	
 Manages a number of Sprites for animation Updates all the Sprites contained in it 	- Sprite

Player	
Creates an object represented by the player avatar Controls the gravity of the player avatar Controls the acceleration/deceleration Updates position and dimensions Check if the player avatar is on the ground	- GameWorld

Enemy

- Creates a new enemy in the game
- Handles the visual representation
- Handles the speed of the enemy
- Handles the oscillatory motion of the enemy
- EnemyManager
- GameWorld
- Platform

EnemyManager

- Adds an enemy to each platform
- Remove an enemy once it is eliminated
- Enemy
- GameWorld
- SuperOmario
- BackgroundManager

Coffee

- Create a coffee object
- Base bindings off of ratio between image dimensions, and initial game dimensions
- Make the coffee visible
- Update the coffee's velocity
- Make it hover
- Update the coffee

- GameWorld
- SuperOmario

Platform

- Put Platforms in the game for the Player to move upon
- Adjust the proportions of the platforms to the Game Scene
- GameWorld
- BackgroundManager

Life	
 Represent the number of lives available to a player Deduct from the number of lives when player dies 	- GameWorld

Background	
 Sets the background image Sets position of background at beginning of the game Scene 	- GameWorld

BackgroundManager	
 Contains all the Platforms Contains all the Coffees Remove a life if player dies Remove a coffee if player gains one 	GameWorldPlatformCoffeeLife

ImageViewSprite	
 Displays a Sprite Sets the viewport and determine where it needs to be positioned Sets the FPS 	SuperOmarioAnimationTimer