Final Project: Bubble Popping Game

For the final project, we will be building upon the bubble shooting game we created for Assignment 7. We already have keyboard interactivity, when the player presses "S" to shoot.

WORK BREAKDOWN:

Vaishnavi Kashyap - I will be working on adding a "High Scores" chart that can be accessed from both the Main Menu and Game Over screens. Players will be able to add their names before playing and high scores will be stored to be displayed.

Danish Tharvani - I am going to be working on creating multiple GUI Systems in our game. There will be an initial screen where the user will be able to click a button and 'Start the Game', a game screen where the user will play the actual game, a Game Over Screen where the player will have and option to play again and the current High Score will be displayed, and a page with a list of high scores and names. I will also be adding sound in the background of the game in the form of simple background music.

Aimilee Tran - I am responsible for the animation in the project. In our original assignment, we loaded a static image in as the player but I will be working with sprites to ensure that the player is animated during the game and during the character selection screen. In addition, I will ensure that the settings of the environment will change dependent on the character, making for a fun and unique new theme with each character.

FEATURES:
Players will run the program and first see the main menu page. There they will have the options to 'Play the Game' or 'View High Scores'. Upon selection of wanting to play the game, players will first be able to select their character of choice that will also affect the setting of the game (this includes color, enemy, etc). After confirming character selection, the game will begin and users will have to defeat the enemy in a similar fashion to Space Invaders. Once the player loses, he/she will be taken the the Game Over Page. There the player will have the option to 'View High Scores', 'Return to the Main Menu' or 'Play Again'. On the High Scores page, the player will be able to see where they rank compared to others who have played the game. It will most likely show the top 5 or 10 players.