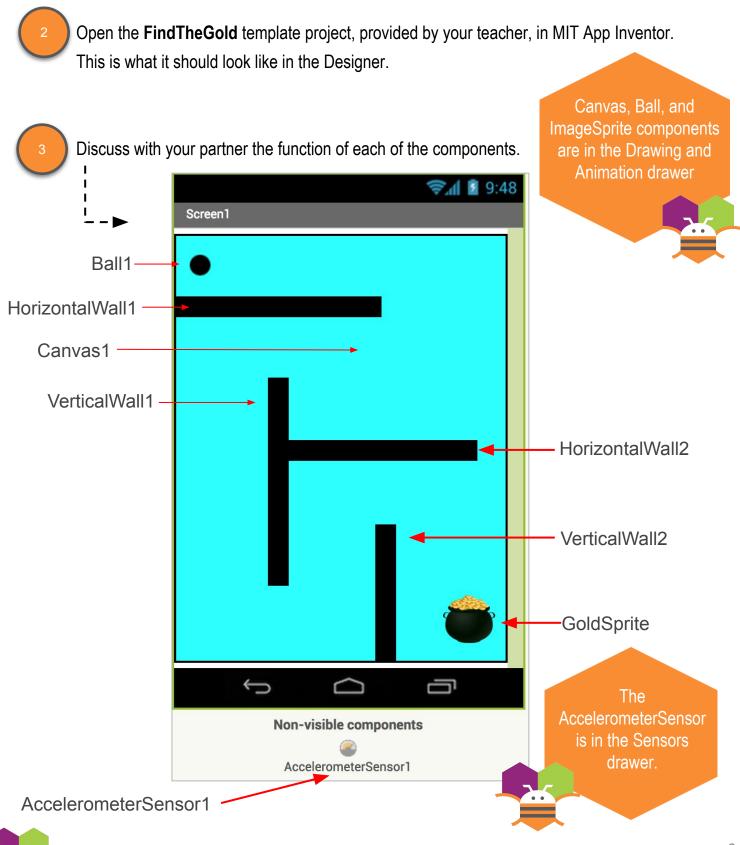


THE DESIGNER

APP INVENTOR



THE APP CHALLENGE

Using the template provided, make a maze app where the user has to move the ball through the maze, avoid the walls, and reach the gold.	
Complete the SetUpMaze procedure that is supplied with the template, and call it when the app starts. All ImageSprites representing the walls and the GoldSprite should be placed on the Canvas so they show fully on the screen and fit well for a maze game.	
Ball movement must be controlled by the Accelerometer sensor. When the user tilts their mobile device, the ball rolls in that direction.	
When ball collides with a black wall, it returns to the starting point.	
When the ball touches the gold, ball movement stops. A message is displayed to the user that the game is over, using the Notifier component. Give the user two options - Play Agair or Quit.	
	If user chooses Play Again, reset everything to start the game again.
	If user chooses Quit, close the app.



Choose Ways to Extend Your App

Here are a few features you could add if you want to expand your app



Add scoring - give points when the user reaches the Gold

Add a countdown timer

Add user
lives for a limited
number of
chances to reach
Gold

What other ideas do you have?



COMPUTATIONAL THINKING CONCEPTS

The following are the Computational Thinking Concepts learned in Lesson 1.

