Question 2

Part (a)

```java
public TokenPass(int playerCount)
{
  board = new int[playerCount];
  for (int i = 0; i < playerCount; i++)
    board[i] = (int)(10 * Math.random()) + 1;
  currentPlayer = (int)(playerCount * Math.random());
}
```

Part (b)

```java
public void distributeCurrentPlayerTokens()
{
  int numTokens = board[currentPlayer];
  board[currentPlayer] = 0;
  int i = currentPlayer;
  while (numTokens > 0)
  {
    i = (i+1) % board.length;  //
    board[i]++;
    numTokens--;
  }
}
```

Notes:

1. Or:

   ```java
   i++;
   if (i == board.length)
   i = 0;
   ```