Basic Game Play (4Pic1Word)

Add this code to the final if in ActionPerformed:

```java
else if (e.getActionCommand ().equals ("instruct"))
{
    cdLayout.show (p_card, "2");
}
else if (e.getActionCommand ().equals ("check"))
{   //see if the word is right
    String currentWord = "";
    for (int i = 0 ; i < col ; i++)
    {
        String lower = a [currentRow * col + i].getText ();
        char c = lower.toLowerCase ().charAt (0);
        currentWord += c;
    }
    if (secret.getWord ().equals (currentWord))
    {
        showStatus ("You Win!!");
    }
}
//TO DO: Fill this comment in
else
{
    int n = Integer.parseInt (e.getActionCommand ());
}
```
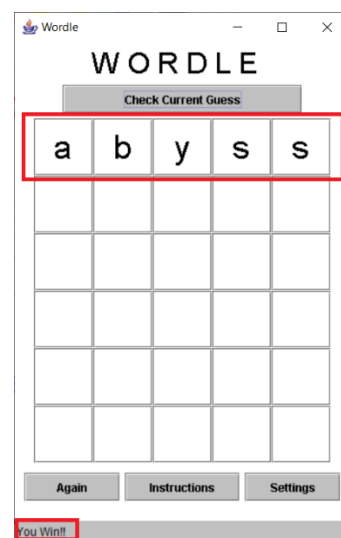
Test your code.

Guess the word by typing it in the first row of boxes.

You will only need to make three guesses!

Do NOT go further until this part runs.

Next we need to add the colours. If the letter is in the wrong place, it turns yellow. If it is in the right place, it turns green.

```java
public void markRow ()
{//mark the letters grey, yellow or green
    for (int i = 0 ; i < col ; i++)
    {   String lower = a [currentRow * col + i].getText ();
        char c = lower.toLowerCase ().charAt (0);
        a [currentRow * col + i].setForeground (Color.white);
        if (secret.correct (c, i)) //green
            a [currentRow * col + i].setBackground (new Color (107, 170, 100));
        else if (secret.contains (c))   //yellow
            a [currentRow * col + i].setBackground (new Color (201, 181, 88));
        else //grey
            a [currentRow * col + i].setBackground (new Color (120, 124, 126));
    }
    //move to the next row
    currentRow++;
}
```

The method needs to be called. Edit your previous code in ActionPerformed to do this.

```java
        String lower = a [currentRow * col + i].getTe
        char c = lower.toLowerCase ().charAt (0);
        currentWord += c;
    }
    if (secret.getWord ().equals (currentWord))
    {
        showStatus ("You Win!!");
        markRow ();
    }
    else
    {
        showStatus ("Valid word. Marked.");
        markRow ();
    }
}
//TO DO: Fill this comment in
```

Test your code.