# NNguyen - ESPGame

# **Screenshots**

## **Running in IDE**

```
J ESPGame.java M X
                                                                                                                                                          src > J ESPGame.java > \( \begin{align*} \text{ESPGame} > \( \begin{align*} \text{main(String[])} \end{align*} \)
       import java.util.Scanner;
       public class ESPGame {
           Run I Debua
        public static void main(String[] args)
 15
                final String RED = "red",
                              GREEN = "green",
                              BLUE = "blue",
                              ORANGE = "orange",
                              YELLOW = "yellow";
                String name,
                       description,
                       dueDate,
                       color,
                        actualColor = null;
 28
                       TERMINAL

    zsh

→ NNguyen_Assignment1_Complete git:(main) x /usr/bin/env /Library/Java/JavaVirtualMachines/jdk-20.jdk/Contents/Home/bin/java --enable-previ
                                                                                                                                                           ⊗ Run: ESPG..
ew -XX:+ShowCodeDetailsInExceptionMessages -cp /Users/nick/Documents/NguyenN_Vault/Code/learning-java/cmsc-203/NNguyen_Assignment1_Complete/b
in ESPGame
Enter your name:
```

### **Note:** Important

This screenshot is on Visual Studio Code, my IDE of choice. During my AP Java course, I used Eclipse but it always threw me off. Please let me know if you would prefer I use it again. I was also unsure of what to screenshot in the IDE as the instructions were uncler to me.

## Running in terminal

```
NNguyen_Assignment1_Complete git:(main) × java src/ESPGame.java
[Enter your name: Nick N
Describe yourself: I am a CS major at MC.
Due date: 2023-09-11
CMSC203 Assignment1: Test your ESP skills!
Round 1
I am thinking of a color.
Is it Red, Green, Blue, Orange, or Yellow?
Enter your guess: red
I was thinking of green
Round 2
I am thinking of a color.
Is it Red, Green, Blue, Orange, or Yellow?
Enter your guess: blue
I was thinking of blue
Round 3
I am thinking of a color.
Is it Red, Green, Blue, Orange, or Yellow?
Enter your guess: green
I was thinking of orange
Round 4
I am thinking of a color.
Is it Red, Green, Blue, Orange, or Yellow?
Enter your guess: orange
I was thinking of orange
Round 5
I am thinking of a color.
Is it Red, Green, Blue, Orange, or Yellow?
Enter your guess: yellow
I was thinking of red
Round 6
I am thinking of a color.
Is it Red, Green, Blue, Orange, or Yellow?
Enter your guess: red
I was thinking of orange
Round 7
I am thinking of a color.
Is it Red, Green, Blue, Orange, or Yellow?
Enter your guess: orange
I was thinking of blue
I am thinking of a color.
Is it Red, Green, Blue, Orange, or Yellow?
Enter your guess: blue
I was thinking of green
I am thinking of a color.
Is it Red, Green, Blue, Orange, or Yellow?
Enter your guess: green I was thinking of blue
I am thinking of a color.
Is it Red, Green, Blue, Orange, or Yellow?
Enter your guess: green
I was thinking of red
Game Over
You guessed 2 out of 10 correctly.
User Name: Nick N
User Description: I am a CS major at MC.
Due Date: 2023-09-11
 → NNguyen_Assignment1_Complete git:(main) ×
```

## ESPGame.java on GitHub



## Questions to answer

Write about your Learning Experience, highlighting your lessons learned and learning experience from working on this project.

I had a pretty good learning experience with this project and overall, it was enjoyable to code. I didn't learn much since I already have quite a bit of prior knowledge from my AP Java class.

I learned that Java is pretty syntactically similar to C++. I didn't deal with things like switch statements much in AP Java.

### What did you struggle with?

I didn't really struggle with anything, but what did confuse me a bit was how, on **line 27**, I had to set actualColor = null since leaving it blank left me with some errors later on. This later on made sense to me, however, because without setting the variable to anything, nothing else dealing with said variable can do anything with just the variable declaration.

## What would you do differently on your next project?

I wouldn't really do anything differently for my next project. I'm pretty pleased with how this one turned out.

What parts of this assignment were you successful with, and what parts (if any) were you not successful with?

I was successful with the entire assignment, thankfully.

Provide any additional resources/links/videos you used to while working on this assignment/project.

N/A