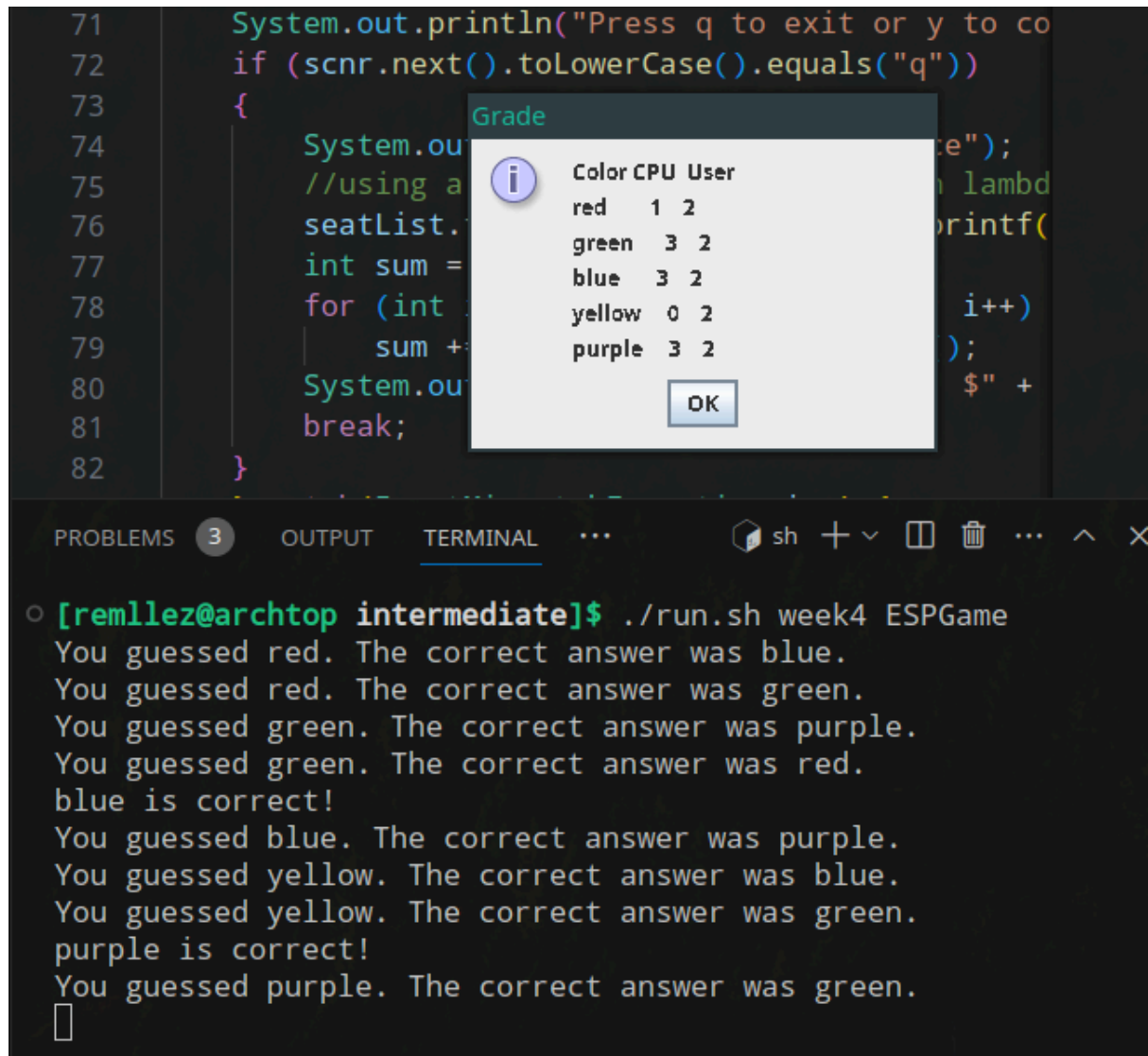


Trevor Zellmer
Intermediate Java
Week4 Take Home

I tested the program with every colour. I tested invalid colours as well to ensure that errors are handled correctly.



The screenshot shows an IDE with a Java file open. The code includes a loop that prompts the user to guess a color. A dialog box titled "Grade" is overlaid on the code, displaying a table of scores for different colors. The terminal window at the bottom shows the execution of the program, with the user guessing various colors and receiving feedback on whether they are correct or not.

```
71 System.out.println("Press q to exit or y to continue");
72 if (scnr.next().toLowerCase().equals("q"))
73 {
74     System.out.println("Game Over");
75     //using a lambda expression to calculate the sum of the scores
76     seatList.forEach((color, score) -> {
77         int sum = 0;
78         for (int i = 0; i < score; i++)
79             sum += score;
80     });
81     System.out.println("The correct answer was " + color);
82     break;
}
```

Color	CPU	User
red	1	2
green	3	2
blue	3	2
yellow	0	2
purple	3	2

OK

```
[rem11ez@archtop intermediate]$ ./run.sh week4 ESPGame
You guessed red. The correct answer was blue.
You guessed red. The correct answer was green.
You guessed green. The correct answer was purple.
You guessed green. The correct answer was red.
blue is correct!
You guessed blue. The correct answer was purple.
You guessed yellow. The correct answer was blue.
You guessed yellow. The correct answer was green.
purple is correct!
You guessed purple. The correct answer was green.

```

```

71 System.out.println(" Press q to exit or y to co
72 if (scnr.next().toLowerCase().equals("q"))
73 {
74     System.out.println("Column Row Price");
75     //using a cool arraylist method with lambd
76     ) -> System.out.printf(
77
78     seatList.size(); i++)
79     .get(i).getPrice();
80     "\nYour total is: $" +
81
82

```

Grade



Color CPU User

red 1 2

green 1 2

blue 3 2

yellow 0 0

purple 1 0

OK

PROBLEMS

sh + v [] [] ... ^

- [remillez@archtop intermediate]\$./run.sh week4 ESPGame
green is correct!
You guessed green. The correct answer was red.
You guessed blue. The correct answer was purple.
blue is correct!
That's not a valid color!
That's not a valid color!
You guessed red. The correct answer was blue.
You guessed red. The correct answer was blue.
□

```
70     seat s1 = sellSeat(x,y),
71     System.out.println("Press q to exit or y to co
72     if (scnr.next().toLowerCase().equals("q"))
73     {
74         System.out.println("Column Row  Price");
75         //using a cool arraylist method with lambd
76         seatList.forEach((i) -> System.out.printf(
77         int sum = 0;
78         for (int i = 0; i < seatList.size(); i++)
79         .get(i).getPrice();
80         "\nYour total is: $" +
81
82
```

Input



Enter a color (or q to exist):

blue

OK

Cancel

PROBLEMS OUTPUT TERMINAL

○ [remillez@archtop intermediate]\$./run.sh week4 ESPGame