Variables:

var ans1 = "grey"

var ans2 = "red"

var ans3 = "yellow-brown"

var ans4 = "grey"

var ans5 = "blue"

var correct = 0

var result1 = q1.compareTo(ans1, true)

var result2 = q2.compareTo(ans2, true)

var result1 = q3.*compareTo*(ans3, true)

var result1 = q4.compareTo(ans4, true)

var result1 = q5.compareTo(ans5, true)

var q1 = What is the color of the planet Mercury?

var q2 = What is the color of the planet Mars?

var q3 = What is the color of the planet Saturn?

var q4 = What is the color of the planet Uranus?

var q5 = What is the color of the planet Neptune?

Process:

var q1 = print("What is the color of the planet Mercury?: ").toString()

q1 = readLine()!!

var result1 = q1.compareTo(ans1, true)

if(result1 == 0)

println("$q1, that is the correct answer!")

else

println("The correct answer is grey, you entered $q1.")

var q2 = print("What is the color of the planet Mars?: ").toString()

q2 = readLine()!!

var result2 = q2.compareTo(ans2, true)

if (result2 == 0)

println("$q2, that is the correct answer!")

else

println("The correct answer is red, you entered $q2.")

var q3 = print("What is the color of the planet Saturn?: ").toString()

q3 = readLine()!!

var result3 = q3.compareTo(ans3, true)

if (result3 == 0)

println("$q3, that is the correct answer!")

else

println("The correct answer is yellow-brown, you entered $q3.")

var q4 = print("What is the color of the planet Uranus?: ").toString()

q4 = readLine()!!

var result4 = q4.compareTo(ans4, true)

if (result4 == 0)

println("$q4, that is the correct answer!")

else

println("The correct answer is grey, you entered $q4.")

var q5 = print("What is the color of the planet Neptune?: ").toString()

q5 = readLine()!!

var result5 = q5.compareTo(ans5, true)

if (result5 == 0)

println("$q5, that is the correct answer!")

else

println("The correct answer is blue, you entered $q5.")

correct += if (result1 == 0)

1

else

0

correct += if (result2 == 0)

1

else

0

correct += if (result3 == 0)

1

else

0

correct += if (result4 == 0)

1

else

0

correct += if (result5 == 0)

1

else

0

println("You got $correct questions right!")