**CS139 Programming Fundamentals**

**Quiz – Terminology Practice**

**Objectives**

*At the end of this activity, students will be able to:*

* Review and use method terminology
* Use team members in different roles.

**Part 1 – Warm-up – Applying terminology (14 points)**

Given the temperature program below, answer the questions that follow. NOTE: Documentation was removed for space.

|  |  |
| --- | --- |
|  | public class TemperatureConverter |
|  | { |
|  |  public static void main(String[] args) |
|  |  { |
|  |  System.out.println("100 C s/b 212F is " + convertToFahrenheit(100.0)); |
|  |  System.out.println("32 F s/b 0C is " + convertToCelcius(32.0)); |
|  |  } |
|  |  |
|  |  public static double convertToFahrenheit(double celcius) |
|  |  { |
|  |  double fahrenheit; |
|  |   |
|  |  fahrenheit = (celcius \* 9.0 / 5.0) + 32.0; |
|  |   |
|  |  return fahrenheit; |
|  |  } |
|  |  |
|  |  public static double convertToCelcius(double fahrenheit) |
|  |  { |
|  |  double celcius; |
|  |   |
|  |  celcius = (fahrenheit - 32.0) \* 5.0 / 9.0; |
|  |   |
|  |  return celcius; |
|  |  } |
|  | } |

**Individually**, fill in the chart below.

|  |  |  |  |
| --- | --- | --- | --- |
| On which line do you find a method header? |  | What is the name of the method? |  |
| On which line do you find a parameter? |  | What is the name of the parameter? |  |
| On which line do you find a return statement? |  | What is being returned?Name of variable or value. |  |
| On which line do you find a call to a method in this file? |  | What is the name of the method? |  |
| On which line do you find an argument? |  | What is the argument? |  |
| On which line do you find a primitive literal? |  | What is that literal? |  |
| On which line do you find the declaration of a variable? |  | What is that declaration? |  |

**Group**, compare answers. Recorder, put consensus answers on the group response sheet.