Lab 9 mini quiz Name\_\_\_\_\_\_\_\_Jimmy Vang\_\_\_\_\_\_\_\_\_

Procedure:

1. Before starting eclipse, predict what the output from the program will be on the back of this sheet.

* **PREDICTION**

**0 -17**

**25 -3**

**50 10**

**75 23**

**100 37**

**125 51**

**150 65**

**175 79**

**200 93**

**225 107**

**250 121**

**275 135**

**300 148**

**325 162**

**350 176**

**375 190**

**400 204**

**425 218**

**450 232**

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1. Start eclipse and begin a new blank project called lab 9 mini. Run the program.

* **DONE.**

1. Does your prediction match? Instructors initials\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

* **Yes.**

1. Try using the equation celsius = 5/9\*(fahr – 32); What is the result? What could be the reason?

* **All the results for Celsius are 0.**
* **The reason is not because of the equation, but because of how “int fahr, celsius;” works. The “int” instruction rounds down to the nearest integer.**

1. Modify the program so that the results are right-justified.

* **DONE (use %40.d)**
* **The “40” represents the width of the justify.**

1. Modify the program to use floating point numbers.

* **DONE (use \f).**

1. Add a print statement to print “ the temperature to bake pizza in Celsius is” at the proper temperature. (hint it’s less than 450 and greater than 350)

* **DONE**

printf(" the temperature to bake pizza in Celsius is less than 450° and greater than 350°");