# ITEC 2140

# Basic Java Concepts Worksheet

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Please write your answers directly in the worksheet and submit to D2L. Please keep it neat and readable.

1. Look at the snippet of Java code below and answer the following 3 questions:
   1. What is the name of the class in the following Java snippet of Java code? \_\_Cat\_\_
   2. What is the name of the source file from the following Java snippet of Java code? \_\_\_\_Cat.java\_\_\_\_\_
   3. What is the name of the file containing the Java bytecode for the following Java snippet of code? \_\_\_\_\_\_Cat.class\_\_\_\_\_\_\_\_\_

//This line of code refers questions 1 a-c

public class Cat

1. Answer Yes or No for the following questions:
   1. Java is case-sensitive \_\_Yes\_\_
   2. This is the correct signature for the main method in a Java class \_\_No\_\_\_

public Static void main(String[] args)

* 1. Java is portable/platform independent \_\_Yes\_\_
  2. Parameters are enclosed in parenthesis \_\_Yes\_\_\_
  3. main is the name of the method that is executed first in a Java program \_\_Yes\_\_
  4. A compile error is also called a syntax error \_\_Yes\_\_

1. Expand the following acronyms:
   1. IDE \_\_\_\_\_\_\_Integrated Development Environment\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. JVM \_\_\_\_\_\_Java Virtual Machine\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   3. JRE \_\_\_\_\_\_\_Java Runtime Environment \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   4. JDK \_\_\_\_\_\_\_Java Development Kit \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   5. API \_\_\_\_\_\_\_Application Programming Interface\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What are the correct symbols? (Use the symbol, not the word please)
   1. The end of a Java statement \_;\_
   2. The beginning of a single line comment \_//\_
   3. The beginning of a multi-line comment \_\_/\*\_\_
   4. The end of a multi-line comment \_\_\*/\_\_