1. What Java tool can you use to get user input?

The Scanner

2. What is the syntax to create a Scanner in Java?

Scanner <name> = new Scanner(<inputStream>);

3. How do you import the Scanner into a program?

Include the import statement for the Scanner before the class header:

Import Java.util.Scanner;

4. Connect each Scanner function call to its corresponding action

a. Retrieves the next integer

b. Retrieves the next word

c. Retrieves the next floating-point number (number with decimal point)

d. Retrieves the next line of text

next()

nextDouble()

nextLine()

nextInt()

5. What should you do before using the Scanner so that the user knows what to do?

Prompt the user—tell the user that they need to enter input, and what they should enter

6. What is a delimiter?

A delimiter tells the Scanner how to separate inputs. For example, words are separated by spaces, sentences are separated by punctuation, and items in a list are separated by commas or line breaks

7. When do you need to add an extra nextLine() function call into your code?

When going from any Scanner function call that is **not** nextLine() to the nextLine() function, you should always include an extra nextLine() call in between.

8. Fill in the blanks with the correct Scanner function call to retrieve...

a. the user’s full name: nextLine()

b. the user’s age: nextInt()\_\_\_\_\_\_\_

c. a dollar amount: nextDouble()\_\_\_

d. a day of the week: next()\_\_\_\_\_\_\_

e. the date (dd/mm/yyyy): next()\_\_\_

f. a color: next() or nextLine()\_\_\_