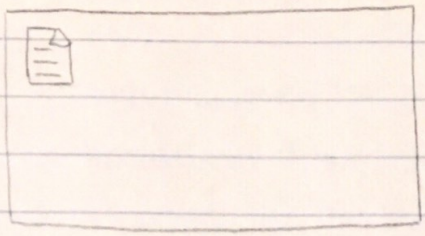
Joyce Chen

Worksheet 01B

1. a)



- a sheet of binder paper on the top left corner
- name: README

b) The file is for the programmer to describe the project.

c) The BlueJ bird icon - "package.bluej"
The binder paper - "README.TXT"

d) Clicking the package file with start up BlueJ. clicking the README file will show the text contents.

2. Yes.

3. a) A brown box called "Hello Printer".

b) Yes.

c) A "HelloPrinter.java" Java file.

d) Yes.

4. a) The stripes on the box are gone. The successful compiling took them away.

b) A "HelloPrinter.class" CLASS file and a "HelloPrinter.ctxt" CTXT file. The output of the compiler is the class file.

5. a) A new terminal window come up and the words "Hello, World!" were in it.

b) Console programs

6. a) Project, Edit, Tools, View, Help

b) when there are 2 lines at the corner of the box.

c) Options

d) The source file is opened. You can edit the syntax in the window.

7. a) public class HelloPrinter

b) It is contained in curly braces.

c) one main method

d) public static void main (String [] args)
The main method is important because each Java application needs a main method and it is the starting point of the application.

e) It's contained in curly braces.

f) System.out.println (" ");

g) The content in the parentheses is the parameter, which in turn is a String. The String must be in double quotes, and the statement has to end in a semicolon.

8. a) The README icon is there, but the HelloPrinter box was deleted.

b) The "package.bluej" file and the "README.TXT" file.

c) Yes, it's still there.

9. b) println adds a line between each statement, and print doesn't.

10. a) Yes, it still compiles without errors and runs as before. The file is called helloprinter. The names of the files in the Project folder are "helloprinter.class", "helloprinter.txt", and "helloprinter.java".

b) The green color block contains the yellow block, which contains the white block.

c) No, because the text inside isn't in proper syntax; it's just a comment.

d) Yes, because there aren't any syntax errors. The indents are only part of the convention for the whole code to be easier to read.

e) yes.

f) yes.

11. a) There will be a compile-time error.

b) No, it doesn't run correctly because certain words in the code are case-sensitive.

c) No, because there has to be a semicolon after every statement.

12. a) yes. Hello World!

b) It becomes literally 3+4. This is because the numbers are changed to text.

c) It will become 34, because the double quotes changes the number to text, and you can't add text. So both numbers turn to text.