Signature

Name:

**CSE102 Programming Languages II Quiz #8**

1. What will be the content of the file after running the following program twice?

**public** **static** **void** main(String[] args) **throws** Exception{

File f = **new** File("abc.txt");

PrintWriter out = **new** PrintWriter(**new** FileOutputStream(f));

out.print("hello");

out.close();

}

1. It will be empty.
2. hello
3. hellohello
4. Depends on whether or not the content of the file is changed between the runs.
5. What is wrong with the following main function?

**public** **static** **void** main(String[] args) {

**try** {

PrintWriter out = **new** PrintWriter(**new** FileOutputStream("abc.txt"));

} **catch**(Exception e){}

out.println("Hello");

}

1. You cannot leave the body of the catch block empty.
2. The type of exception caught by the catch block must be specific.
3. You are trying to access a variable out of its scope.
4. The file abc.txt may not exist.

Signature

Name:

**CSE102 Programming Languages II Quiz #8**

1. What will be the content of the file after running the following program twice?

**public** **static** **void** main(String[] args) **throws** Exception{

File f = **new** File("abc.txt");

PrintWriter out = **new** PrintWriter(**new** FileOutputStream(f));

out.print("hello");

out.close();

}

1. It will be empty.
2. hello
3. hellohello
4. Depends on whether or not the content of the file is changed between the runs.
5. What is wrong with the following main function?

**public** **static** **void** main(String[] args) {

**try** {

PrintWriter out = **new** PrintWriter(**new** FileOutputStream("abc.txt"));

} **catch**(Exception e){}

out.println("Hello");

}

1. You cannot leave the body of the catch block empty.
2. The type of exception caught by the catch block must be specific.
3. You are trying to access a variable out of its scope.
4. The file abc.txt may not exist.

**CSE102 Programming Languages II Quiz #8**

1. Write a program which reads integers from a file whose relative path is “abc.txt” and writes them back into the same file in reverse order (overwrite). You can assume that the file contains only integer values separated with whitespace. (Hint: You can use a stack for reversing.)

**public** **static** **void** main(String[] args) **throws** Exception{

File f = **new** File("abc.txt");

Stack<Integer> st = **new** Stack<Integer>();

// read and store in a stack

Scanner in = **new** Scanner(f);

**while**(in.hasNextInt())

st.push(in.nextInt());

in.close();

// write back to the file

PrintWriter out = **new** PrintWriter(**new** FileOutputStream(f));

**while**(!st.empty())

out.println(st.pop());

out.close();

}

**CSE102 Programming Languages II Quiz #8**

1. Write a program which reads integers from a file whose relative path is “abc.txt” and writes them back into the same file in reverse order (overwrite). You can assume that the file contains only integer values separated with whitespace. (Hint: You can use a stack for reversing.)