

CIS 255 - Java Programming
Homework #9
Strings

Name: _____

Date: _____

1. Given the declared and initialized string value below, determine the value for the variable result after each of the following statements is executed or specify error if a Java exception would be thrown:

String s = "Hello World!"

- a.) `String result = s.substring(0, 3);`
- b.) `String result = s.charAt(0);`
- c.) `String result = s.toLowerCase() + s.charAt(s.length() - 1);`
- d.) `String result = s.substring(6, 11).toUpperCase();`
- e.) `String result =
 (s.substring(4, 7) + " " + s.charAt(9)).toUpperCase();`
- f.) `boolean result = s.equals("hello world!");`
- g.) `boolean result = s.equalsIgnoreCase("hello world!");`
- h.) `boolean result = !s.equals("Hello World!");`

2. Write a Java class HmWk9Q2, which accepts an input argument when the application is executed from the command-line. Add the method reverse(s) which accepts a string as a parameter and returns the string reversed by using the standard charAt() String method.
3. Write an interactive Java class HmWk9Q3, which accepts an input argument when the application is executed from the command-line. Accept input from the user and compare the value entered to the command-line argument value. If the strings do not equal, display "INVALID VALUE! TRY AGAIN!", otherwise display "PERMISSION GRANTED!" and exit the program.