Homework 3 Answer sheet. Name: Brandon Edwards

Multiple choice and True/False

1. false

2. d

3. d

Short Answer 5 points each

4. It terminates the if statement after evaluating the given parameters even if they’re true.

5. Its a logical operator that only equals true when both arguments are true.

Algorithm Workbench

6. if(grade >= 0 && grade <= 100)

System.out.println(“the number is valid”);

7. if(hours < 0 || hours > 80)

System.out.println(“the number is not valid”);

8. System.out.printf(“%,.2f”, number);

9. double number = 0.0329;

DecimalFormat format = new DecimalFormat(“##00000.000”);

String newNumber;

format.format(number);

System.out.println(newNumber);

Find the errors, rewrite correctly.

10. if(x == 1)

y = 2;

else if(x == 2)

y = 3;

else if(x == 3)

y= 4;

11. if(average == 100)

System.out.println(“Perfect Average!”);

12. if(score >= 90)

grade = ‘A’;

else if(score >= 80)

grade = ‘B’;

else if(score >= 70)

grade = ‘C’;

else if(score >= 60)

grade = ‘D’;

else

grade = ‘F’;

13. z = (a < 10) ? 0 : 7;

Algorithm Workbench

14. switch (choice) {

case 1:

System.out.println(“you selected 1”);

break;

case 2:

case 3:

System.out.println(“you selected 2 or 3”);

break;

case 4:

System.out.println(“you selected 4”);

break;

default:

System.out.println(“please select again”);

}