[30 points total]

1. [2 points]

false

2. [12 points -- 2 points each part]

a. 1

b. 8

c. 2

d. 4

e. 4

f. 8

3. [16 points]

System.out.print("Password?");

String p = sc.next();

if (p.equals("Testudo") {

System.out.print("How many bytes in a kilobyte?");

int x = sc.nextInt();

if (x == 1000 || x == 1024) {

System.out.println("Good!");

} else {

System.out.println("FAIL!");

}

}

Grading:

You may give partial credit, where appropriate. Below is a breakdown

of how the points should be allocated to the various parts of the

expected solution:

1 point for each correct prompt (2 points total)

2 points for each use of the scanner (4 points total)

\* next or nextLine are fine for the first one

\* nextInt for the second one

\* take the points off if the type of the variable doesn't match.

5 points for correctly checking password and either

terminating or continuing, as needed

Take off 2 points if they used == to compare strings

5 points for handling Good/Fail correctly

Take off 2 points if they used && instead of ||