Instructions: *(Same as usual, you have **10 minutes**.)* In the following, *select all that applies*.

____ / **2 pts.**   **Question 1** If a file is located at `~/upload/teaching/2026/spring/quiz8.md`, then...

☐ ... its extension is `md`.
☐ ... it is safe to assume that it can be accessed by all users.
☐ ... it will have the same path if transferred to a computer using Windows.
☐ ... it is located in a folder called `spring`.

____ / **4 pts.**   **Question 2** Assume that `filePath` contains the path to a text file. Briefly explain what the following program would do, and how it could be made safer to execute.

```
StreamWriter sw = new StreamWriter(filePath);
sw.WriteLine("Hello World!!");
```

____ / **4 pts.**   **Question 3** Assume that `filePath` contains the path to a text file that is not empty. Write a program that counts its number of lines.