

FOURTH QUIZ

You have 15 minutes from the start of class to complete this quiz. Give partial answers if you can't give complete ones. Read the questions with care; work with deliberate speed. Don't give us more than we ask for. The usual instructions apply. Good luck!

Problem 1 (4 points)

Take a look at this Java method:

```
void riskyCode() {
    System.out.println("Tortilla");
    try {
        System.out.println("Crepe");
        danger();
        System.out.println("Blini");
    }
    catch (Exception myEx) {
        System.out.println("Pancake");
    }
    finally {
        System.out.println("Flapjack");
    }
}
```

(a) What does the code above print out if the call to `danger()` raises an exception?

(b) What does the code above print out if the call to `danger()` does not raise any exceptions?

Problem 2 (4 points)

Three techniques proposed in the 1970s to solve the “software crisis” of expensive, unreliable programs were structured programming, formal verification, and n-version programming. Pick one of these and (a) give a brief one-sentence description of the technique and (b) say whether the technique was successful or not and, in one brief sentence, one main reason why it succeeded or failed.

