

Quiz 2

Name:

Student ID Number:

Try all three questions on the quiz; the third is on the back of this page. You have 15 minutes in total. Make sure you give yourself time for each part. Good luck!

1. “The use of a good conceptual model is [...] fundamental to good design” — Don Norman

(a) What does Don Norman mean by a conceptual model?

(b) Give one concrete example of a conceptual model provided by the Google Maps graphical user interface.

2. The Unix copy command

```
cp file1 file2
```

copies the contents of file1 into file2, creating file2 if it does not already exist.

However, when this command is used with file1 as “CPSC 101.txt” and file2 as “notes.txt”, the error message

```
cp: notes.txt not found
```

is returned. Why does the command fail?

3. Look at the Scratch script below and answer the following questions.

- (a) What is the position of the sprite after the instruction labeled 1?
- (b) How many times is the instruction labeled 2 executed?
- (c) What is the position of the sprite at the end of the *second* iteration of the repeat loop?
- (d) As best you can, describe in your own words what the sprite does when the script is executed.

