INTRODUCTION TO COMPUTER SCIENCE:
TEST STUDY GUIDE

The pen-and-paper test will be on Tuesday. September 23rd. It will contain a mix of true/false, multiple-choice, and short answer questions.
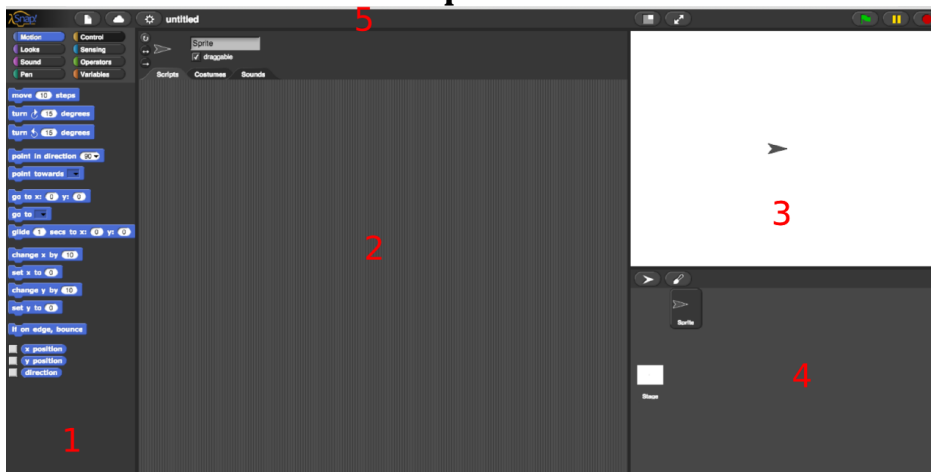
In order to succeed on the test, you should be able to do the following:

Define the following terms:

- **Computing**
- **Algorithm**
- **Hard Drive**
- **RAM**
- **Motherboard**
- **IDE**
- **CPU**
- **Power supply**

List several (more than 2) devices that contain computers.

Be able to name all of the parts of SNAP:

1.
2.
3.
4.
5.

Be able to describe what sample blocks of SNAP code do, like these:

```
when [green flag] clicked
go to x: 0 y: 0
point in direction 90
move 10 steps
pen down
set pen color to [blue]
```

```
pen up
clear
go to x: 0 y: 0
point in direction 90
```

```
letter 3 of world
```

```
2 + 6 + 3
```

Be able to describe why some combinations of blocks don't work:

```
move 10 steps
pen down
pen up
```

Why won't this draw a line?

```
pen down
move 10 steps
turn ↻ 20 degrees
clear
```

Why won't this draw anything?