**BYOB Screenshots**

You will be taking screenshots of some of the projects you build. To do so here are some tips:

**Windows:**

Windows comes with a program **Snipping Tool** that allows you to take snapshots of just a part of the screen you select. It is the best way to take pictures of exactly what you want.

If you press alt+prtscr keys on Windows will take a screenshot of just the current window. It will be stored on the clipboard, ready to paste (switch to a word document and Paste to add it).

Pressing prtscr by itself gets the whole screen.

**Mac:**

If you have a “retina display” Mac please be careful NOT to take screenshots of the entire screen - just take pictures of the area you need to show me. Full resolution, full screen pictures on a retina display are ENORMOUS.  
[http://guides.macrumors.com/Taking_Screenshots_in_Mac_OS_X](http://guides.macrumors.com/Taking_Screenshots_in_Mac_OS_X)

**Writing BYOB Pseudocode**

BYOB pseudocode we will write by describing blocks in English. We will use indentation to show blocks that are contained by another block.

Examples:

```
repeat 10:
  move 10 steps
  turn 15 degrees
  move 20 steps
```

Repeat 10 times:
- Move 10 steps
- Turn 15 degrees
- Move 20 steps

*The indentation shows that the first Move and the Turn are “inside” the repeat while the second Move is not.*
In BYOB we can create variables outside the script. When we do so, it is fine for the code to make use of them.

When complex instructions are nested inside a block like this program, use parentheses to show how the expressions are to be built. Each set of \((\)\) in the code below corresponds to one of the green blocks above.

Set \texttt{hourlyPay} to 8  
Set \texttt{hoursWorked} to 45  
if \texttt{hoursWorked} > 40  
\hspace{1em} \texttt{set pay} to \((\texttt{hoursWorked} - 40 \times 1.5 \times \texttt{hourlyPay}) + (40 \times \texttt{hourlyPay})\)  
else  
\hspace{1em} \texttt{set pay} to \texttt{hoursWorked} \times \texttt{hourlyPay}