HWX - CLASS 420

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Question 1

a.
```java
public class SomeCode {
    public static void main(String[] args) {
        System.out.println("Here is some code I can write" +
            "in LaTeX!");
    }
}
```

b.
```c
#include <stdio.h>

int main() {
    printf("Code can be written in different langs!");

    return 0;
}
```
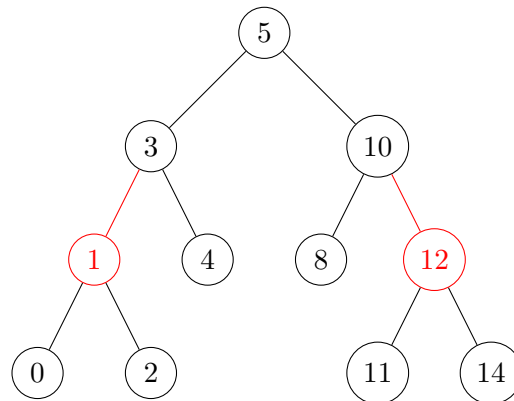
c.
```r
print("I've used it a lot for R homework")

# Though I'm not using enough syntax here to distinguish R from
# Python or Lua...
```

Question 2

Notice the neat header on the top of the page!

It's also useful to have the page number up there so that it won't be isolated in the footer.

Hey look, a red-black tree!

I made this red-black tree using `tikz`.