Lecture 5

• Topics Covered
  – while
  – do-while
  – for
Writing Loops

- What 3 things do you need to consider when deciding how to write a loop?
while loop syntax

```plaintext
while (condition){
    statement_1;
    statement_2;
    ...
    statement_n;
}
```
do-while syntax

do{
    statement_1;
    statement_2;
    ...
    statement_n;
} while (condition);
for loop syntax

```c
for(initialization; loop_condition; update_statements){
    statement_1;
    statement_2;
    ...
    statement_n;
}
```