

# CSC209 Week 4 Notes

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## Introduction to arrays in C 1 of 3

- Array

– **Syntax:** <TYPE >VAR\_NAME[ARRAY\_SIZE]

```
1  #include <stdio.h>
2
3  int main() {
4      float daytime_high[4];
5  }
6
```

## Introduction to arrays in C 1 of 4

- C doesn't check if an array access is within the bounds of array

```
1  #include <stdio.h>
2
3  int main() {
4      float daytime_high[4] = {1,2,3};
5      float daytime_high_1 = daytime_high[4]; // This runs but is
incorrect
6  }
7
```

- Above replaces original value stored at the memory location.