

# SIMPLE ARRAYS

- Arrays have a type
- For now, we'll only have statically sized arrays
- Examples:
  - `int arr[10];`
  - `int arr[3] = {2, 4, 6};`
  - `char arr[5];`
  - `char arr[] = "hello";`

# CONTROL STRUCTURES - FOR LOOP

- Example

```
for (i=0; i<10; i++) {  
    \\ do something cool here  
}
```

- Depending on version of C, may be able to create loop variable in initialization

# CONTROL STRUCTURES - WHILE LOOP

```
while (expression) {  
    statement;  
}
```