LOODS

Can you repeat what you said again?

Overview

- Loops
- ·while loop
- · for loop
- break
- ·continue

LOODS

- Why?
 - Data processing
 - Image processing
 - Gameplay

Count Down

T-minus 5 seconds
T-minus 4 seconds
T-minus 3 seconds
T-minus 2 seconds
T-minus 1 seconds
Take off!

while loop

```
// 1. Setup
while( /* 2. Condition */ ) {
    // 3. Do work
    // 4. Condition step
}
```

while loop

```
int seconds = 5;
while(seconds > 0) {
    printf("T-minus %d seconds\n", seconds);
    seconds--;
}
printf("Take off!");
```

forloop

```
for( /* 1. Setup */;
    /* 2. Condition */;
    /* 3. Condition step */) {
    // 4. Do Work
}
```

forloop

```
int seconds;
for(seconds = 5; seconds > 0; seconds--) {
    printf("T-minus %d seconds\n", seconds);
}
printf("Take off!");
```

break

```
for(seconds = 5; seconds > 0; seconds--) {
    if(engineFailure) {
       break;
    }
    printf("T-minus %d seconds\n", seconds);
```

continue

```
while(!gameOver) {
   if(skipCardPlayed) {
       nextPerson();
       continue;
   playCard();
   nextPerson();
```

Review

- ·while loop
- · for loop
- break
- ·continue