CS 161
Intro to CS I
Finish Command-Line Arguments
Odds and Ends

• Last day to demo Assignment 5
• Make sure grades are accurate on Canvas
• Final Exam: Thursday (3/21) in WNGR 151
  – Section 001, 12-1pm
  – Section 002, 1-2pm
  – If you don’t take final, then I’ll average Exam 1 & 2
Questions

- Assignment 6 Questions
- CS 162 Questions
- Ask Me Anything

You can use late days.
No visualization.
Don't demo.
time of simulation = T0S

10s

time intervals = T1

10

delat = T0S / T1

2d

Ax + Ay

same

U_{x,y}

U_{x,t}

U_{i,j}
bool is_float(char *s) {
  for (int i = 0; i < strlen(s); i++) {
    if (s[i] \!\in \{\text{char[J]}\})
      return false;
    return true;
  }
}
struct heat_diff
{
    float K;
    float c;
    float r;
    int time_int;
    float time_sim;
};

int main()
{
    struct heat_diff one_d;
}
How does freeing memory work?

```c
int *r[5], **s;

for(int i=0; i < 5; i++)
    r[i]=new int;
for(int i=0; i < 5; i++)
    delete r[i];

for(int i=0; i < 5; i++)
    r[i]=new int[5];
for(int i=0; i < 5; i++)
    delete [] r[i];

s=new int*[5];
for(int i=0; i < 5; i++)
    s[i]=new int[5];
for(int i=0; i < 5; i++)
    delete [] s[i];
delete [] s;
```