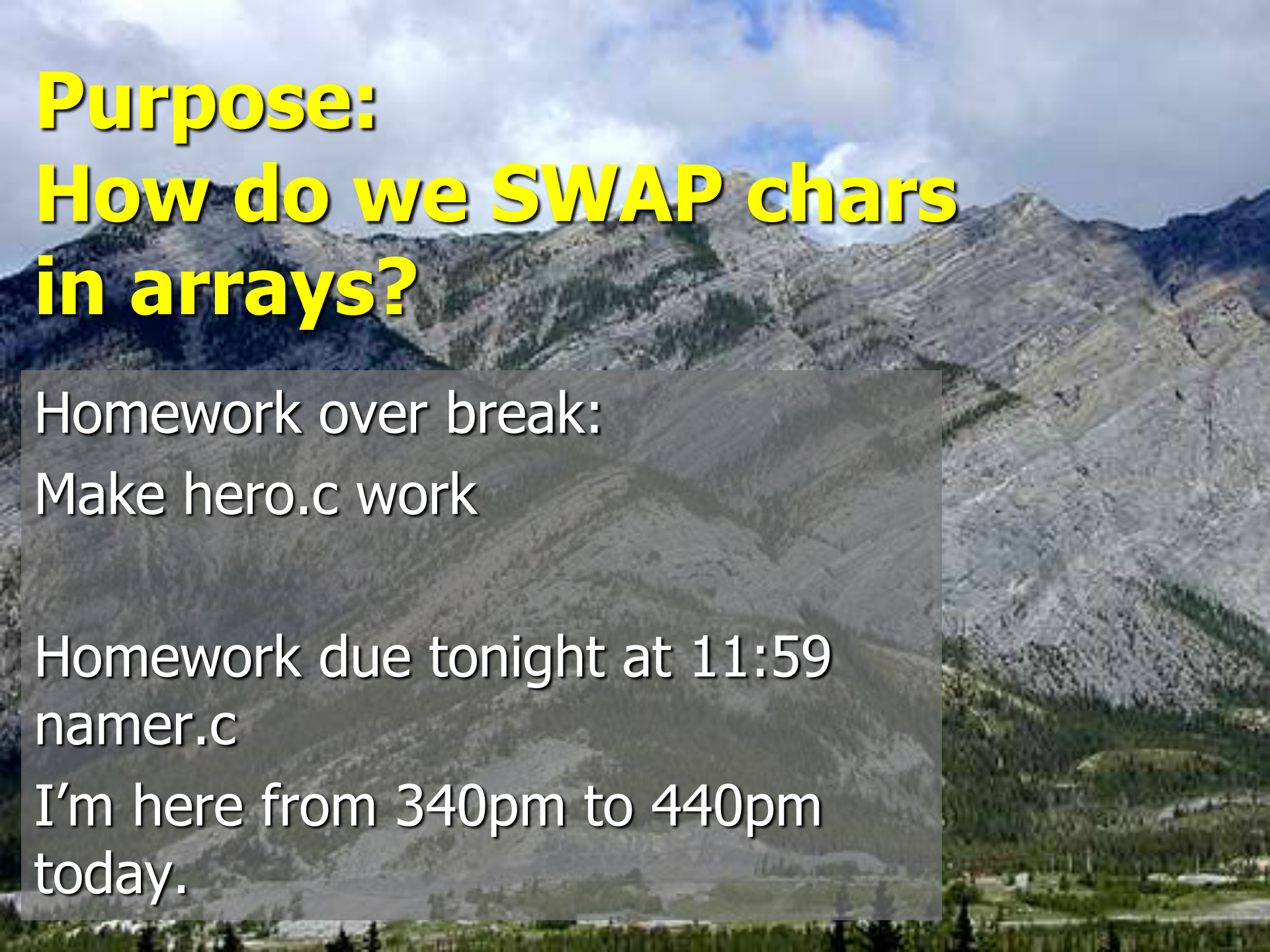# Please Write your name on your cup.

Without giving up your cup,
Trade only the liquid with your partner, not the cup itself.

Purpose:
How do we SWAP chars in arrays?

Homework over break:

Make hero.c work

Homework due tonight at 11:59
namer.c

I'm here from 340pm to 440pm today.

Three ways to store a verb:

FIRST WAY

```c
char verbThing[0] = 'e';
char verbThing[1] = 'a';
char verbThing[2] = 't';
```
Must use single quotes!

SECOND WAY

```c
char  artist[8] = {'B', 'i', 'g', ' ', 'P', 'u', 'n', '\0'};
```
must use single quotes!

THIRD WAY

```c
char curds[] = "chew";
```
must use double quotes!

Many ways to print:
```c
puts(curds);
printf ( "%s", thingies);
```

With your pod, on a whiteboard, write pseudo code that would

1) store two numbers in X and Y,
2) print them,
3) trade the values in X and Y,
4)reprint them

Think of the first and last name of a hero.

Download hero.c and put in your own hero's name.

Fix Line 22. Due next Tuesday

Homework due by 5pm Tuesday. I'm here after school. Or talk to a friend. It is mostly textbook reading and programming.

- Make a program namer.c so it will Store three proper nouns, each one by a different method
- Then have it print each on a new line.
- Ask a user "Which letter do you want to print?
- Then print that letter.
- Hacker version: using loops print the nouns as many times as the user wants and either forwards or backwards!
- Hacker version: use FUNCTIONS at some point
- Make sure you have comments at the top for author, contact info, what program does.
- Have at least two comments in the program
- Extra credit for doing hacker versions.
- Extra credit if everyone in your group turns in on time.