B2 · Discussion #9 · 2021-03-26

Make nure your camera

Announcements

- *Hw #4 due Monday -> designed to give you experience working who dataset hand in one per group via group subornitrian on graduscope
- · Final Project & Proposal have been released -> decide which recietal problem you want rolve & find large dataset
- · Final Project groups due Manday ... fill out spreadsheet! -> randomly assigned after Manday
- · Final Propert Proposal due Monday, 4/5/21 @ 10 am EDT
- · Wellness Day on Wednesday, 3/31/21... no secture or sale
- · Friday, 4/2/21 is last day to drop a course
- · Had to we goe compiler this week can use anyone you want next week
- · This week and next: we are reinforcing concepts that you've already learned using MATLAB. After that, it will be new concepts.

Peview Material

- ointro
- ·integer alvuian
- ·input (input buffer)
- · supput
- · feliction
- · woops (while vs. do-while)
- · empty or null statement

Remind us ~10:38 am EST to stop

Discussion for the quiz! (15 min + 5 upcond)

La FYI: unious points will be taken off

for late submissions

NPUT BUFFER

Enter a number: 4f

-> scan in 4, but f is left in the input buffer

fflush (stain);

```
LOOPS
```

· for woop:

for (i=0; i < = N; i++)printf ("Hey!\n") \leftarrow action

· nuted for loop:

for (i=0; i=N; i+)

{

// action in outer loop, including inner
for (j=0; j=L; j++)

{

// laction in inner loop
}

· while loop: action can get skipped entirely, may not even use it

while (condition example)
{
 action_1;
 action_2;
}

· do will loop: action is always on top, to it runs @ event once

do
{
 action_1;
 action_2;
}
while (condition example);

TYPECASTING

(type) expression

float number;

number = 1/5; - 0.0000

number = (float) 115; - 0.2000

generating Random #'3

header files: <time.h>, <ttdeib.h>

stand (time (NULL));

general formula:

rand() / (MAX - MIN +1) + MIN

ex. generate random # from 5 to 10 rand()".6+5