EXAM 2 REVIEW

Thursday is Exam 2

It is worth 130 points (13% of your grade)

No lab this week!

Homework due on Friday!

You will need to focus on:

Writing simple C code

Order of precedence in calculations. Example: 5 + 3 \* 4 – 12 / 2 % 6 – 2;

Statements:

“if”, “else”, “for”, “while”

unary operators “++” “--“ “+=” “-=”

“?:”

format specifiers “%d” or “%s” or “%.2f” or “%c” or “%p” etc.

NEW MATERIAL SINCE EXAM 1

Arrays – single/multi dimensional

How to define them (int, double, float & char!) int Arey[][COL]; double Avery[6] = 1.5;

How to search them have a key term then search the array by creating a for loop then comparing each value in the array to the key trm.

How to pass them to functions (local/global) printf(dosomething(Avery))

How to sort them

For(i=0;i<0;i++)

If a[i] > a[i+1]

Hold =

How to find values in them (using indices) a[0]

“char” and Strings! – reading them in, loading them into “char[]” arrays and printing them out

%s, %c

‘/0’ null terminator

Pointers –

How to define them – create, initialize, use

Int \*ptr;

Int \*ptr = NULL;

Int \*ptr = 0;

What they are

Pointers are address to variables or value

How to pass them to functions

Same way as every int yourock(&ptr);

Pointer math

Adding and subtracting --- multiply the number given to you by the byte(size of operator) and then add or subtract it from the beginning address.

Dereferencing

This gives you the value the address is pointing to

Printing them out

POINTER MATH! (size of fields, addressing, etc.)

Functions –

How to create them (write function headers)

Basically material out of chapters 1-8 THAT WE HAVE COVERED.

Multi-choice, T / F, short answer and matching.