Subject: pow Function not Recognized
Posted by sdcole1 on Thu, 08 Sep 2016 00:31:53 GMT

I received results from a Prelim run that could not recognize the "pow" function in "math.h":

#### clean build with "make calculon"...

gcc -Wall -Wextra -g -std=c99 -c calculon.c
gcc -Wall -Wextra -g -std=c99 -c scanner.c
gcc -Wall -Wextra -g -std=c99 -c value.c
gcc -Wall -Wextra -g -std=c99 -c node.c
gcc -Wall -Wextra -g -std=c99 -c list.c
gcc -Wall -Wextra -g -std=c99 -c stack.c
gcc -Wall -Wextra -g -std=c99 -c queue.c
gcc -Wall -Wextra -g -std=c99 -c conversion.c
gcc -Wall -Wextra -g -std=c99 -c bst.c
gcc -Wall -Wextra -g -std=c99 calculon.o node.o scanner.o value.o list.o stack.o queue.o conversion.o bst.o -o calculon

value.o: In function `expoundValues':
/home/lusth/drop/assign1/sdcole1@crimson.ua.edu/value.c:201: undefined reference to `pow'
/home/lusth/drop/assign1/sdcole1@crimson.ua.edu/value.c:203: undefined reference to `pow'
/home/lusth/drop/assign1/sdcole1@crimson.ua.edu/value.c:205: undefined reference to `pow'
/home/lusth/drop/assign1/sdcole1@crimson.ua.edu/value.c:207: undefined reference to `pow'
collect2: error: ld returned 1 exit status
make: *** [calculon] Error 1

On my Mac, my "pow" function runs fine, but doesn't seem to work on the Linux server.

Subject: Re: pow Function not Recognized
Posted by sdcole1 on Thu, 08 Sep 2016 00:58:54 GMT

I just read that you have to put -lm as an option in the makefile:

gcc fib.c -o fibo -lm

Do I have to do this for both the object and executable rule, or just the executable rule?

Subject: Re: pow Function not Recognized
Posted by sdcole1 on Thu, 08 Sep 2016 01:01:47 GMT

Neverminder. This has been resolved:
### NOTE: you need add -lm after -o calculon

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