

Name: (3 pts) _____ UMail address (4 pts) _____@umail.ucsb.edu

Lab Section (3 pts) Circle one: 3pm 4pm 5pm unknown

Name of your pair programming partner, if you work together:

This assignment is due IN Lecture on Tuesday 02/23.
It may ONLY be turned in during Lecture on Tuesday
 (usual policies apply)

The lecture on 02/18 covered "type expressions" in C—some notes from that lecture are available on the [handout](#) that was given out in class.

Together with this homework assignment, there is a program (on a separate handout).

- If you didn't get one, you can find the program at:
<http://www.cs.ucsb.edu/~pconrad/cs16/10W/homework/H13/files/types.c>

Assuming each of the expressions below appeared in this program, indicate the type they would have. The first few are done for you as an example.

Hints--for full credit:

- don't write *pointer to character*; instead, write **char ***
- don't write *address of int*; instead, write **int ***

(40 pts) (2 points each for the ones not already filled in)

Expression	Type		Expression	Type
x	int		end	
&x	int *		end.hrs	
*x	error		end->min	
c.center	struct Point		&(end->min)	
&(c.center.x)	double *		pt	
*val	double		argc	
c.x	error		&argc	
&end	struct Time **		*argc	
(*cir).x			argv[0]	
(*cir).radius			argv[0][0]	
cir->center			&num	
cir->center.y			&y	
cir->center->y			&val	
start			*num	