

Test 2: Fill in the blanks

Due

No due date

Points

10

Questions

5

Available

Apr 7 at 6:30pm - Apr 7 at 7:30pm about 1 hour

Time Limit

15 Minutes

This quiz was locked Apr 7 at 7:30pm.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	15 minutes	0 out of 10

⚠️ Correct answers are no longer available.

Score for this quiz: 0 out of 10
Submitted Apr 7 at 7:24pm
This attempt took 15 minutes.

Question 1

0 / 2 pts

Given the data definition and variable declaration of a list of person records.

<pre>#define Max 60 typedef struct Addr { int HouseNum; char StreetName[20]; char Barrio[20]; char City[15]; int ZipCode; }Address;</pre>	<pre>/*Complete name with, Firstname, Middle Initial and Lastname */ typedef struct name{ char Fname[24]; char MI; char Lname[16]; }Nametype;</pre>	<pre>typedef struct stud { int ID; Nametype pName; int age; char gender; /* 'F', 'M' */ Address Addr; float salary; /*monthly salary*/ }PersonRec;</pre>
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Based on the above definition and declaration and assuming that the variables have values, write the C statement that will assign your USC ID number in the given person list, assuming that you are the 5th person in the list. Note: 1 statement ONLY.

Your Answer:

PersonList PL = personList[4]

PersonList is a datatype!! It is a mortal sin to access a datatype

Question 2

0 / 2 pts

Given the data definition and variable declaration of a list of person records.

<pre>#define Max 60 typedef struct Addr { int HouseNum; char StreetName[20]; char Barrio[20]; char City[15]; int ZipCode; }Address;</pre>	<pre>/*Complete name with, Firstname, Middle Initial and Lastname */ typedef struct name{ char Fname[24]; char MI; char Lname[16]; }Nametype;</pre>	<pre>typedef struct stud { int ID; Nametype pName; int age; char gender; /* 'F', 'M' */ Address Addr; float salary; /*monthly salary*/ }PersonRec;</pre>
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Based on the above definition and declaration and assuming that the variables have values, write the C statement that will assign your middle initial to the middle initial field, assuming that you are the last person in the person list. Note: 1 statement ONLY.

Your Answer:

char MI[10];

Nametype mi;

Nametype mi.MI = gets(MI);

DNMS!!! Note: 1 statement ONLY.

Question 3

0 / 2 pts

Given the data definition and variable declaration of a list of person records.

<pre>#define Max 60 typedef struct Addr { int HouseNum; char StreetName[20]; char Barrio[20]; char City[15]; int ZipCode; }Address;</pre>	<pre>/*Complete name with, Firstname, Middle Initial and Lastname */ typedef struct name{ char Fname[24]; char MI; char Lname[16]; }Nametype;</pre>	<pre>typedef struct stud { int ID; Nametype pName; int age; char gender; /* 'F', 'M' */ Address Addr; float salary; /*monthly salary*/ }PersonRec;</pre>
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Based on the above definition and declaration and assuming that the variables have values, write the C statement that will make the city you are currently residing be the value of the city address, assuming that you are the 10th person in the list. Note: 1 statement ONLY.

Your Answer:

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char cityAddress[30];
```

```
Address city[10];
```

```
city = gets(cityAddress[10])
```

Question 4

0 / 2 pts

Given the data definition and variable declaration of a list of person records.

<pre>#define Max 60 typedef struct Addr {</pre>	<pre>/*Complete name with, Firstname, Middle Initial and Lastname */</pre>	<pre>typedef struct stud {</pre>
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<pre>int HouseNum; char StreetName[20]; char Barrio[20]; char City[15]; int ZipCode; }Address;</pre>	<pre>typedef struct name{ char Fname[24]; char MI; char Lname[16]; }Nametype;</pre>	<pre>int ID; Nametype pName; int age; char gender; /* 'F', 'M' */ Address Addr; float salary; /*monthly salary*/ }PersonRec;</pre>
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Based on the above definition and declaration, assuming that the variables have values, and in addition assume that variable X holds the beginning address of a location in the heap memory that can hold 10 person records, write the C statement that will copy the first 10 records to the heap memory pointed to by X. Note: 1 statement ONLY.

Your Answer:

Address

Unanswered

Question 5

0 / 2 pts

Given the data definition and variable declaration of a list of person records.

<pre>#define Max 60 typedef struct Addr { int HouseNum; char StreetName[20]; char Barrio[20]; char City[15]; int ZipCode; }Address;</pre>	<pre>/*Complete name with, Firstname, Middle Initial and Lastname */ typedef struct name{ char Fname[24]; char MI; char Lname[16]; }Nametype;</pre>	<pre>typedef struct stud { int ID; Nametype pName; int age; char gender; /* 'F', 'M' */ Address Addr; float salary; /*monthly salary*/ }PersonRec;</pre>
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Based on the above definition and declaration, assuming that the variables have values, and in addition assume that variable X is a structure that can hold a person record and L holds the beginning address of PL, using L, write the C statement that will copy the actual last record of PL to X. Note: 1 statement ONLY.

Your Answer:

Quiz Score: **0** out of 10