cs120f19-a.sg

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Reading Quiz (Chapters 7 and 8 of textbook)

Review of attempt 2

Finish review

Started on	Sunday, 13 October 2019, 02:01 PM
Completed on	Sunday, 13 October 2019, 02:05 PM
Time taken	4 mins 12 secs
Marks	18/18
Grade	**100** out of a maximum of 100 (**100**%)

Answer questions basing on a 32-bit machine.

Question 1
Marks: 1/1

```
int x;
printf("%lu", sizeof(x));
```

Answer:

4

Correct
Marks for this submission: 1/1.
History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	4	14:01:28 on 13/10/19	1	1
2	**Close&Grade**	**4**	**14:05:35 on 13/10/19**	**1**	**1**

Question 2
Marks: 1/1

```
float x;
printf("%lu", sizeof(x));
```

Answer:

4

Correct
Marks for this submission: 1/1.
History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	4	14:01:31 on 13/10/19	1	1
2	**Close&Grade**	**4**	**14:05:35 on 13/10/19**	**1**	**1**

Question 3
Marks: 1/1

```
double x;
printf("%lu", sizeof(x));
```

Answer:

8

Correct
Marks for this submission: 1/1.
History of Responses:

#	Action	Response	Time	Raw score	Grade

1	Grade	8	14:01:35 on 13/10/19	1	1
2	**Close&Grade**	**8**	**14:05:35 on 13/10/19**	**1**	**1**

Question 4
Marks: 1/1
```
char x;
printf("%lu", sizeof(x));
```
Answer:
1
Correct
Marks for this submission: 1/1.
History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	1	14:01:39 on 13/10/19	1	1
2	**Close&Grade**	**1**	**14:05:35 on 13/10/19**	**1**	**1**

Question 5
Marks: 1/1
```
int x[5];
printf("%lu", sizeof(x));
```
Answer:
20
Correct
Marks for this submission: 1/1.
History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	20	14:01:44 on 13/10/19	1	1
2	**Close&Grade**	**20**	**14:05:35 on 13/10/19**	**1**	**1**

Question 6
Marks: 1/1
```
double x[10];
printf("%lu", sizeof(x));
```
Answer:
80
Correct
Marks for this submission: 1/1.
History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	80	14:01:51 on 13/10/19	1	1
2	**Close&Grade**	**80**	**14:05:35 on 13/10/19**	**1**	**1**

Question 7
Marks: 1/1
```
float x[3][8];
printf("%lu", sizeof(x));
```
Answer:
96
Correct
Marks for this submission: 1/1.
History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	96	14:02:20 on 13/10/19	1	1
2	**Close&Grade**	**96**	**14:05:35 on 13/10/19**	**1**	**1**

```
int a[5]={100, -5, 76};
```
Question 8
Marks: 1/1
```
a[0]
```
Answer:
100
Correct

Marks for this submission: 1/1.
History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	100	14:02:40 on 13/10/19	1	1
2	**Close&Grade**	**100**	**14:05:35 on 13/10/19**	**1**	**1**

Question 9
Marks: 1/1
a[1]
Answer:
-5
Correct
Marks for this submission: 1/1.
History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	-5	14:02:49 on 13/10/19	1	1
2	**Close&Grade**	**-5**	**14:05:35 on 13/10/19**	**1**	**1**

Question 10
Marks: 1/1
a[2]
Answer:
76
76
Correct
Marks for this submission: 1/1.
History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	76	14:02:55 on 13/10/19	1	1
2	**Close&Grade**	**76**	**14:05:35 on 13/10/19**	**1**	**1**

Question 11
Marks: 1/1
a[3]
Answer:
0
Correct
Marks for this submission: 1/1.
History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	0	14:02:58 on 13/10/19	1	1
2	**Close&Grade**	**0**	**14:05:35 on 13/10/19**	**1**	**1**

double f[4]={-2.25, -1078.375, -89.5};
Question 12
Marks: 1/1
f[0]
Answer:
-2.25
Correct
Marks for this submission: 1/1.
History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	-2.25	14:03:06 on 13/10/19	1	1
2	**Close&Grade**	**-2.25**	**14:05:35 on 13/10/19**	**1**	**1**

Question 13
Marks: 1/1
f[1]
Answer:
-1078.375
Correct
Marks for this submission: 1/1.

History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	-1078.375	14:03:18 on 13/10/19	1	1
2	**Close&Grade**	**-1078.375**	**14:05:35 on 13/10/19**	**1**	**1**

Question 14
Marks: 1/1
f[2]
Answer:
-89.5
Correct
Marks for this submission: 1/1.
History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	-89.5	14:03:36 on 13/10/19	1	1
2	**Close&Grade**	**-89.5**	**14:05:35 on 13/10/19**	**1**	**1**

Question 15
Marks: 1/1
f[3]
Answer:
0
Correct
Marks for this submission: 1/1.
History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	0	14:04:00 on 13/10/19	1	1
2	**Close&Grade**	**0**	**14:05:35 on 13/10/19**	**1**	**1**

Question 16
Marks: 1/1
Which of the following statements best describe what the following code does?

```
int a[] = {1,2,3,4,5};
unsigned int i;
int sum=0;
for(i=0; i<sizeof(a)/sizeof(a[0]); ++i)
{
sum+=a[i];
}
```

Choose one answer.

- a. It prints out all the elements of the array.
- b. The loop adds up all the elements of the array into sum.
- c. it's behaviour is undefined.
- d. It accesses every element of the array.
- e. There is an access out of bounds error.

Correct
Marks for this submission: 1/1.
History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	The loop adds up all the elements of the array into sum.	14:04:37 on 13/10/19	1	1
2	**Close&Grade**	**The loop adds up all the elements of the array into sum.**	**14:05:35 on 13/10/19**	**1**	**1**

Question 17
Marks: 1/1
Which of the following statements best describe what the following code does?

```
int a[] = {1,2,3,4,5};
unsigned int i;
int sum=0;
for(i=0; i<sizeof(a)/sizeof(0[a]); ++i)
{
sum+=i[a];
}
```

Choose one answer.

- a. The loop adds up all the elements of the array into sum. though it looks weird.
- b. There's a compile error.
- c. There is an access out of bounds error.
- d. t prints out all the elements of the array.
- e. it's behaviour is undefined.

Correct
Marks for this submission: 1/1.
History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	The loop adds up all the elements of the array into sum. though it looks weird.	14:05:09 on 13/10/19	1	1
2	**Close&Grade**	**The loop adds up all the elements of the array into sum. though it looks weird.**	**14:05:35 on 13/10/19**	**1**	**1**

Question 18
Marks: 1/1
Which of the following statements best describe what the following code does?

```
int a[] = {1,2,3,4,5};
unsigned int i;
int sum=0;
for(i=0; i<=sizeof(a)/sizeof(a[0]); ++i)
{
sum+=a[i];
}
```

Choose one answer.

- a. There is an access out of bounds error.
- b. It prints out all the elements of the array.
- c. it's behaviour is undefined.
- d. It accesses every element of the array.
- e. The loop adds up all the elements of the array into sum.

Correct
Marks for this submission: 1/1.
History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	There is an access out of bounds error.	14:05:32 on 13/10/19	1	1
2	**Close&Grade**	**There is an access out of bounds error.**	**14:05:35 on 13/10/19**	**1**	**1**

Finish review
