Bonus Quiz

Due Apr 10 at 11:59pm **Points** 8 **Questions** 8 **Time Limit** 10 Minutes

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	8 minutes	7 out of 8

Score for this quiz: **7** out of 8
Submitted Apr 4 at 9:06pm
This attempt took 8 minutes.

Question 1

1 / 1 pts

In a 32 bit program, a variable of float datatype has

- 8 bytes
- 4 bytes
- 1 byte

Correct!

Question 2

1 / 1 pts

will this print "hello" and only that for sure?

```
char text[5];
text[0] = 'h';
text[1] = 'e';
text[2] = 'l';
text[3] = 'l';
```

```
text[4] = 'o';
printf("%s",text);
```

Correct!

- (selected) Most certainly it will not only print hello.
- Yes, all fine.
- That will not compile!

Question 3

1 / 1 pts

typedef struct mystruct

{

char c; int i;

} mystruct;

...

printf("%d",sizeof(mystruct));

On a 32 Bit system, following will be printed:

Correct!

- (selected) 8
- 64
- 6
- 5

Question 4

1 / 1 pts

class myclass{

public: int data; float f;

};

....

myclass*n = new myclass;

myclass a;

a.data = 10;

//now you want to assign "data" from "n" to the same value as "data" from "a", so you need to write following assignment:

- n.data = a->data;
- n.data = *a.data;
- n.data = (*a).data;
- n.data = a.data;
- *n.data = a.data;
- n->data = a.data;

Correct!

Question 5

0 / 1 pts

typedef struct mystruct

{

int i; char c; //int first!!

} mystruct;

...

mystruct mys

fread(&mys,1,sizeof(mys),file);

We are on a 32 Bit system. Will that work properly?

orrect Answer

- yes it will actually!

ou Answered

- Nope, padding!

Question 6

1 / 1 pts

typedef struct mystruct{

int data; float f;

} mystructure;

....

mystructure *n = (mystructure*)malloc(sizeof(mystructure));

(*n).data = 9;

//is that ok?

- segfault!
- compile error!

Correct!

- totally fine

Question 7

1 / 1 pts

typedef struct mystruct{

```
int data; float f;
} mystructure;
....
mystructure *head = NULL;
head->data = 1;
//is that ok?
```

- totally fine.
- compile error!

Correct!

- That is so seg-faulty, words cannot describe

Question 8

1 / 1 pts

```
char text[] = "Titanic";
char *p = text;
char c = *(p + 1);
printf("%c",c);
```

What will be printed?

- n

Correct!

- i
- a
- That's a compiler error.

Quiz Score: **7** out of 8