Quiz B Module 4

Due Apr 24 at 11:59pm **Points** 8 **Questions** 8
Time Limit 10 Minutes **Allowed Attempts** Unlimited

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Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	9 minutes	8 out of 8

ⓘ Correct answers are hidden.

Submitted Apr 20 at 9:18pm

Question 1 — 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);
```

- ○ That will not compile!
- ◉ Most certainly it will not only print hello.
- ○ Yes, all fine.

Question 2

1 / 1 pts

```
file = fopen(...);
while(1)
{
fread(&c,1,1,file);
fclose(file);
}
```

- (●) Segfault: You close the file pointer, but continue reading from it.
- ( ) Thats fine, nothing wrong with the code.
- ( ) This will most likely segfault, because you need to fopen the file every time before a fread statement.

Question 3

1 / 1 pts

```
char text[] = "hello folks!";
strcat(text," hi!");
```

Is this a segfault?

- ( ) no
- (●) yes

Question 4

1 / 1 pts

int *p = 0x00000E00; //Given, that your compiler is fine with direct addressing

p = p + 1;

//Whats p's address now?

- 0x00000E00
- 0x00000E04
- 0x00000E02
- 0x00000E01
- 1x00000E01

Question 5

1 / 1 pts

int a;

int *p = &a;

p = 1;

*p=13;

Is this a segfault?

- no
- yes

Question 6

1 / 1 pts

unsigned char *p = 0x00000E01; //Given, that your compiler is fine with direct addressing

p = p + 1;

//Whats p's address now?

- 0x00000E05
- 1x00000E01
- 0x00000E02
- 0x00000E00
- 0x10000E01

Question 7

1 / 1 pts

```
if(fork()==0) { printf("C "); return 0;}
else
{
wait(&i);
if(fork()==0) { printf("D "); return 0;}
else {wait(&i); printf("A "); }
printf("B ");
}
```

//this prints?

- D C B A
- C D A B
- D C A B
- A B C D

Question 8

1 / 1 pts

When to use malloc() (in general) ?

- On every array and every struct if possible.
- Only if the size of the necessary space is unknown at compile time and/or the size of the required space is major in comparison with the stack or even exceeds it.
- On every variable or struct which gets fread().
- On list-elements, structs and arrays.