

Quiz #3a

CS 211

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Question 1

- Declare an array of integers called `bounces` that can hold up to 31 elements

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- `int bounces[31]`

Question 2, True or False

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- I must include the library `<cstring>` in order to declare and use C-Strings
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- An array of characters is a C-String
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Question 3

- Say I have the following function prototype and array.

```
void foo(double d);  
double darr[20];
```

Am I able to call the function like so? Why or why not?

```
foo(darr[13]);
```

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Am I able to call the function like so? Why or why not?

```
foo(darr[13]);
```

- Yes. `dar[13]` is a single element of the array, which is a double

Question 4

- Consider the following function prototype.

```
void doWork(const int arr[], int size);
```

What is the keyword `const` enforcing?

Question 4

- Consider the following function prototype.

```
void doWork(const int arr[], int size);
```

What is the keyword `const` enforcing?

- `const` enforces the array to be read-only

Question 5

- Consider the following declarations. Which choice identifies the invalid declaration(s)?

```
1 char word[10] = "Hello"; // A
```

```
3 char word[10];
```

```
4 word = "Hello"; // B
```

```
6 string word = "Hello"; // C
```

```
8 string word;
```

```
9 word = "Hello"; // D
```

Question 5

- Consider the following declarations. Which choice identifies the invalid declaration(s)?

```
1 char word[10] = "Hello"; // A
```

2

```
3 char word[10];
```

```
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```

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8 string word;
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```

- (b) B