Quiz #3a

CS 211

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Question 1

- Declare an array of doubles called `readings` that can hold up to 49 elements

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- Declare an array of doubles called `readings` that can hold up to 49 elements
- `double readings[49]`

Question 2, True or False

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- A C-String is an array of characters
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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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- Say I have the following function prototype and array.

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

  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?

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- 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
2
3  char word[10];
4  word = "Hello";            // B
5
6  string word = "Hello";     // C
7
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];
4  word = "Hello";            // B
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6  string word = "Hello";     // C
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8  string word;
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```

- (b) B