

## **cis6Summer2020Quiz0720**

### **Turn In:**

1. Exercise #1 – Due on **Monday, July 20, 2020 at 9:00pm**

- a) For each exercise, a package must be generated to include the following items:
- Copy of your source file (C program)—your source file **MUST BE NAMED** as **cis6Summer2020YourNameQuiz0720.c**
  - Copy of output (copy and paste to the end of your program as **PROGRAM\_OUTPUT** comment block)
  - Copy of **Logic\_Code\_Output\_COMMENTS** (as a separate comment block) after the PROGRAM\_OUTPUT.
- b) Emailing each package as follows,
- One email message for each exercise.
  - The SUBJECT line of the message should have the following line:

**cis6Summer2020YourNameQuiz0720.c**

- Attaching the source file that was created in part a).

**2. This is a open book/note and compiler required quiz.**

**3. No personal assistance from any live sources : Human or humanoid.**

**4. You must show yourselves on the ZOOM screen at all time!**

5. Q.E.D.

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## 1. Coding Assignment

### Exercise 1 – Due Monday, July 20, 2020

- (1) Write a C program with call to functions to produce the output given below.
- (2) The program should display the output to screen as

```
CIS 6 - Introduction to C Programming
Laney College
YourName
```

```
Quiz Information --
Number:      Quiz0720,
Written by:   YourName
Submitted Date: 2020/07/20
```

You need to replace “**Your Name**” with your real name and “**Due Date**” with the specified due date.

The above result should come from a call to a function named as `displayClassInfoYourName()`, where `YourName` must be replaced by your first name and your last name initial. For examples, if your name is **John Smith** then `YourName` should be `JohnS` throughout all of your work/code as mentioned.

- (3) The program will then continue to call other functions and display the results as follows,

```
// OUTPUT - Sample Run
```

```
CIS 6 - Introduction to C Programming
Laney College
YourName
```

```
Quiz Information --
Number:      Quiz0720,
Written by:   YourName
Submitted Date: 2020/07/20
```

```
*****
*           MENU - Quiz0720           *
* (1) Calling displayOddDigitYourName() *
* (2) Quit                             *
*****
Enter an integer for option + ENTER: 6
```

```
Wrong Option!
```

```
*****
*           MENU - Quiz0720           *
* (1) Calling displayOddDigitYourName() *
* (2) Quit                             *
*****
Enter an integer for option + ENTER: 1
```

```
Enter an integer: -9
```

Calling displayOddDigitYourName() with argument of -9 -

There is/are 1 odd digit(s).

The digit(s) would be  
9

```
*****
*           MENU - Quiz0720           *
* (1) Calling displayOddDigitYourName() *
* (2) Quit                             *
*****
Enter an integer for option + ENTER: 1
```

Enter an integer: -13454

Calling displayOddDigitYourName() with argument of -13454 --

There is/are 3 odd digit(s).

The digit(s) would be  
5  
3  
1

```
*****
*           MENU - Quiz0720           *
* (1) Calling displayOddDigitYourName() *
* (2) Quit                             *
*****
Enter an integer for option + ENTER: 1
```

Enter an integer: 3450406

Calling displayOddDigitYourName() with argument of 3450406 --

There is/are 2 odd digit(s).

The digit(s) would be  
5  
3

```
*****
*           MENU - Quiz0720           *
* (1) Calling displayOddDigitYourName() *
* (2) Quit                             *
*****
Enter an integer for option + ENTER: 1
```

Enter an integer: 0

Calling displayOddDigitYourName() with argument of 0 --

There is/are 0 odd digit(s).

```
*****
```

```
*
      MENU - Quiz0720
* (1) Calling displayOddDigitYourName() *
* (2) Quit
*
*****
Enter an integer for option + ENTER: 2
```

Have fun!

At least, your program should have and use the following functions,

**displayClassInfoYourName()**

**displayOddDigitYourName()**

where **YourName** must be replaced by your first name and your last name initial as mentioned.

The sample run will have the options and values selected by the user.

At least, you must run your program to produce the output as shown above.

- (4) Save the program as **cis6Summer2020YourNameQuiz0720.c**; and
- (5) The above output should be copied and added to the end of the code in the OUTPUT comment block.