Q1

Due Sep 10, 2018 at 11:59pm **Points** 5 **Questions** 5
Available Aug 29, 2018 at 8am - Sep 10, 2018 at 11:59pm 13 days
Time Limit None

This quiz was locked Sep 10, 2018 at 11:59pm.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	15 minutes	5 out of 5

Correct answers are hidden.

Score for this quiz: **5** out of 5
Submitted Aug 30, 2018 at 7:26am
This attempt took 15 minutes.

Incorrect

Question 1 — 1 / 1 pts

A byte contains _____ bits

Eight

This is correct; the "correct" answer was "8", my bad.

Question 2 — 1 / 1 pts

What is pseudocode?

Your Answer:

Pseudocode is a English-like language for specifying the design of a program, almost like code written in plain English forum so it is easy and clear to understand what you have, and need to do. Programmers can concentrate on designing the program without worrying about Java Language Rules, or syntax. This can be really helpful and is a necessary step to take before diving directly into coding.

Question 3

1 / 1 pts

Show steps for converting the last three digits of your csuci student id to binary.

Your Answer:

My last three digits of my CSUCI studen ID is 943.

To convert that into binary I must find the highest power of 2 that will go into 943.

1x2^9 = 512 943-512 = 431

1x2^8 = 256 431 - 256 = 175

1x2^7 = 128 175-128 = 47

0x2^6

1x2^5 = 32 47 - 32 = 15

0x2^4

1x2^3 = 8 15-8 = 7

1x2^2 = 4 7-4 = 3

1x2^1 = 2 3-2 = 1

1x2^0 = 1 1-1 = 0

The Binary code for 943 =

1110101111

Question 4

1 / 1 pts

Explain which of these is not a benefit of readable code.

- Specifications for any program are continually changing.
- It allows someone else to take over the maintenance of your program.
- Well-designed code allows you and others to incorporate prewritten and pretested modules into your program,
- It protects your job because others can't copy your code.

Question 5

1 / 1 pts

True or False? The base for hexadecimal numbers is *15*.

- True
- False

Quiz Score: **5** out of 5