

Q6

Due Oct 10, 2018 at 9:50am**Points** 5**Questions** 5**Available** Oct 10, 2018 at 8am - Oct 10, 2018 at 9:50pm about 14 hours**Time Limit** 15 Minutes

This quiz was locked Oct 10, 2018 at 9:50pm.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	11 minutes	4.5 out of 5

⚠ Correct answers are hidden.

Score for this quiz: **4.5** out of 5

Submitted Oct 10, 2018 at 9:38am

This attempt took 11 minutes.

Question 1

1 / 1 pts

The body of a *while* loop is executed until the loop condition becomes

Question 2

0.5 / 1 pts

Evaluate whether it would be a good idea to initialize the maximum value to 0 when trying to find maximum values.

Your Answer:

It would be a good idea to initialize the maximum value to 0 or a very negative number because when you search for the maximum value you will check if your number you have is greater than your max, and if it is you will set your maximum value equal to the number so you know that this value is your maximum value, then continue the loop and if your next number is less than the last number the maximum value will not be changed and will stay your maximum value.

If you set your maximum value to a high number it may never trip that the number is the max value because the max value may be greater than the number thus not giving you the max number.

You should set it to the minimum integer value.

Question 3

1 / 1 pts

What is a **flag** variable and how would you use it?

Your Answer:

A flag variable is a boolean that sees if something is true or false. when using flag variables for finding factors We usually set flag variable to be false before starting the for loops to check for factors, then inside the for loops we set the flag to true once we find the factors. It is a value that is declared to have one value until the value is changed and is declared true.

Question 4

1 / 1 pts

How many times will a loop with the for loop header `for(i = 0; i <= 6; i++)` execute?

☐ 1

☐ 5

☐ 6

☒ 7

Question 5

1 / 1 pts

True or False? Curly braces around the loop body are optional if the loop body consists of only one statement.

☒ True

☐ False

Quiz Score: **4.5** out of 5