

# Quiz 05: Continuous Integration and Pair Programming

**Due** Oct 5 at 10pm**Points** 10**Questions** 6**Time Limit** None

## Instructions

Answer the following questions in your own words. Do NOT simply cut and paste the information from the slides. You will receive a score of 0 if you copy the prose from the slides.

## Attempt History

	Attempt	Time	Score
<b>LATEST</b>	<a href="#">Attempt 1</a>	7,626 minutes	2 out of 10 *

\* Some questions not yet graded

Score for this quiz: **2** out of 10 \*

Submitted Oct 5 at 8:34pm

This attempt took 7,626 minutes.

### Question 1

Not yet graded / 2 pts

What is pair debugging? Why does it help?

Your Answer:

debugging is main step in pair programing. It include more than one process which are finding the problem, finding the way how to overcome this problem, and isolating the source of the problem. After that , debugging is to test the program that test the after correcting code is that working or not. Sometime in debugging you have explain the problem to another person to solve it. It is help full because when you debug your code on that you can find the error as well as how actually code is working in the project.

**Question 2****Not yet graded / 2 pts**

Explain two advantages of Continuous Integration over Deferred Integration

Your Answer:

In Continuous Integration lessens the danger factor about monitoring the sum of work done as the colleagues continue pushing the code in the mainline so natural to know the measure of work done and the measure of time needed to finish the task , where in conceded combination, the reconciliation is done toward the finish of the cycle which makes the issue is knowing how far have we reached in venture and anticipate the amount additional time will it take to finish the undertaking

In continuous integration after each every group submit their part integration and testing performed however in deferred integration performed after finishing the cycle. which expands the overhead work in fathoming the blunders or bugs when found in the wake of testing

**Question 3****Not yet graded / 2 pts**

Describe the role of navigator and driver in Pair Programming

Your Answer:

There are two types of role in pair programming. Which are driver and navigator. Driver write the code however, navigator review each and every line of code and if any mistake found then he or she tell the driver. Also, navigator have rights to give suggestion to driver. Bothe navigator and driver frequently switch their role in every 15-20 minutes. This pair programming work best for the output of the project if navigator and driver has good relation otherwise it will not work best for the project.

**Question 4****Not yet graded / 2 pts**

Describe two of the myths of pair programming and explain why each is not true.

Your Answer:

1)it will share credit for everything

some people think that if they work to gather that means they can get equal credit for reward but that is not true. In the reality , the task is done by the group but their credit analyzed by their own performance how they did code during their work time. Moreover, credit decide by individual's performance.

2)The navigator find only syntax error

Some people think that navigator only find out error in the program which is not true. In the reality, navigator has to be seeing in the bigger picture. They working with different project and find out how people do coding and also collaborate. They thinking at the bigger level of abstraction. However, driver and navigator has to communicate with each other.

**Question 5****2 / 2 pts**

Williams and Upchurch report which of the following benefits for pair-programming for Computer Science students:

**Correct!**

- ☒ Students complete assignments more quickly with higher quality

**Correct!**☒ Students are happier and less frustrated☐ Students learn more slowly**Correct!**☒ Students are able to help each other to understand the concepts☐ I didn't read the paper**Question 6****0 / 0 pts**

"I pledge on my honor that I have not given or received any unauthorized assistance on this assignment/examination. I further pledge that I have not copied any material from a book, article, the Internet or any other source except where I have expressly cited the source."

**Correct!**☒ True☐ False**Quiz Score: 2 out of 10**