Quiz 03

Due Sep 18, 2019 at 10pm **Points** 10 **Questions** 5 **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
LATEST	Attempt 1	39 minutes	10 out of 10

Score for this quiz: **10** out of 10
Submitted Sep 18, 2019 at 5:23pm
This attempt took 39 minutes.

Question 1 — 2 / 2 pts

Describe Test Driven Development. Which comes first, the code or the tests?

Your Answer:

Test driven development is a small development cycle which is repeated over and over so that the software is improved .Test cases are run in test driven development so that the requirements are met.

Tests comes first in Test driven development.

Question 2 — 2 / 2 pts

What are the advantages and disadvantages of debugging with print statements?

Your Answer:

Advantages of debugging with print statement is that it is simple. It simply puts out the texts so that u can know what is going on. you can also see the values of variables.

Disadvantages of debugging with print statement is that it is not an efficient way to print a statement for all debugging cases.

Question 3

2 / 2 pts

How do breakpoints help with debugging?

Your Answer:

Breakpoints are the pauses set by the user in order to get the knowledge of the program during its execution.Like user sets a breakpoints so that he can know what is exactly happening on that point of the execution and what are the values of the variable, which values are passed to which functions we get to know things like this.

Question 4

2 / 2 pts

What is the difference between step in and step over debugger commands?

Your Answer:

'Step in' in debugger command runs the line where the step in command is given and then it steps into that function call.

'Step over' in debugger command runs the line where the step over command is given and moves to the next line.

Question 5

2 / 2 pts

Describe the divide and conquer strategy for debugging.

Your Answer:

In order to find the error or bug we minimize the search area by excluding the places where it cannot exist, Like divide the program by half locate in which part the bug cannot exist exclude that part this process will go on until we program is so small and we find the bug or error.

Quiz Score: **10** out of 10