

## Review Test Submission: Week 08

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Subject	Programming for Mechatronic Systems Autumn 2017
Test	Week 08
Started	8/05/17 3:09 PM
Submitted	8/05/17 3:09 PM
Due Date	8/05/17 3:20 PM
Status	Needs Grading
Attempt Score	Grade not available.
Time Elapsed	7 minutes out of 10 minutes
Instructions	You have 10 minutes to complete 5 questions
Results Displayed Incorrectly Answered Questions	

### Question 1

0.2 out of 0.2 points



Is it possible to pass by reference to a thread

### Question 2

0 out of 0.2 points



```
#include <iostream>
#include <thread>
void thread_function() {
    std::cout << "thread function\n";
}
int main() {
    std::thread t(&thread_function); // t starts running
    std::cout << "main thread\n";
    //We now need an instruction or a few instructions to make thread run independently,
    return 0;
}
```

Which instruction(s) is it?

### Question 3

0 out of 0.2 points



A condition variable is an object able to \_\_\_\_\_ the calling thread until notified to resume.

### Question 4

Needs Grading



```
#include <iostream> #include <thread> //This function will be called from a thread void call_from_thread() { std::cout << "Hello, World" << std::endl; } int
```

What instruction will guarantee that the thread executes and the program does not terminate until thread is finished (don't forget ; at end of intrsuction)

### Question 5

0.2 out of 0.2 points

Which algorithms can find the **shortest paths** between nodes in a graph

Monday, 8 May 2017 3:17:25 PM AEST

← OK