Introduction to Programming

Week 02
Input Output Statement

Cảm ơn thầy Trần Duy Quang đã cung cấp template cho môn học

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Content

Programming is the process to write a program / an application.

Specificially, programming includes 4 steps:

- Step1: Understanding your problem.

- Step 2: Designing an algorithm.

- Step 3: Writing source code.

- Step 4: Packaging source code files into an executable file, a website, an apk, or an ipa file.

In this lab, we practice to write source code in C++.

2 Assignments

Solution Name: 19127001_W02

Project Name: P10, P13, P15, P16, P17, P18, P19, P23, P24, P25

If you create wrong names, DO NOT RENAME, just delete and create a new one.

A: YY: 03 => P10, P15, P18.

H: YY: 10 => P10, P13, P15, P16, P17, P18, P19, P23, P24, P25.

2.1 Assignment 01

Write source codes in C++.

Design at least 3 test cases for each program.

```cpp
// <YOUR STUDENT ID>
// <YOUR FULL NAME>
// <YOUR CLASS>

// Test case 1
// Input:
// Output:

// Test case 2
// Input:
// Output:

// Test case 3
// Input:
// Output:


int main(){
       return 0;
}
```

2.2 Assignment 02

Study how to write, run, enter input values and share source codes in ideone.com.

Find other 2 similar websites.

Write them in a one single report, Assignment02.pdf.

2.3 Assignment 03

Write a report, named Assignment03.pdf, to answer the following questions:

1. How to compile a C/C++ program?
   a. https://www.geeksforgeeks.org/compiling-a-c-program-behind-the-scenes/
2. Study at least 2 common C/C++ compilers.
   a. https://gcc.gnu.org/onlinedocs/gcc/
   b. https://clang.llvm.org/docs/UsersManual.html
3. Install and compile 3 program in Assignment 1 in gcc compiler.
   a. https://aroliant.github.io/guides/installation/windows/gcc.html
   b. https://youtu.be/hSAY50OL_J4