Introduction to Programming

Week 04
Loop 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.

Specifically, 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: 22167001_W04

Project Name: P01, P02…

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

A: YY: 02 => at least 1 problem in range (P01, P19), and at least 1 problem in range (P20, P40).

H: YY: 10 => P01 → P40.

Last digit(your student id) == 1, 5, 9 → P01, P05, P09, P13…

Last digit(your student id) == 2, 6 → P02, P06, P10, P14…

Last digit(your student id) == 3, 7 → P03, P07, P11, P15…

Last digit(your student id) == 0, 4, 8 → P04, P08, P12, P16…

Nested loops, pow() functions are not allowed.

Draw flowcharts and 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;
}
```