CODE-TYPE EXERCISE

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As a computer science students, typing a code is like our daily exercise. We keep practicing typing the code in order to get something, whether it is just a regular practice or to understand more on what you’ve learnt today on class. But that’s not the case, you’re just expand your knowledge and understanding about the materials. Imagine this, you’re in a class and it will finish in 15 minutes, but suddenly your lecturer/facilitator gives you an individual assignment/task. Your task is to make a simple program and you know that it might be 200+ lines of codes or worse case, more than 200 lines. It’s a real pain isn’t it?

So, here’s the purpose of the program. This program will help you practice your typing skills, especially code-typing skills in C++, because we already knew that typing a program is different from typing another assignments such as typing essays or reports. Typing a bunch of codes includes many of symbols like #(hashtags), \*(asterisks), &(ampersand), ;(semicolon) and many more. You will choose from different levels (beginner, medium or hard). Then the user types the code exactly the same with the example code. At the end, the program will calculate your wpm (words per minute) and time that was required to finish the code. Then it will tell you whether you’re fast enough to type that code, or too slow to finish the code.

**FLOWCHART**

START

Print Welcome

Message

Input Level

Easy?

Medium?

Hard?

Easy

Medium

Easy Code Text

Hard Code Text

Medium Code Text

Hard

Timer ON

Type the code

<x

>y

>x

<y

Timer > x?  
WPM < y?

Timer < x?  
WPM > y?

END

Good!

Try again!

Print Result