



Department of Computer Science & Engineering

Problem Solving with C Laboratory-UE20CS152

Apr-Aug, 2021

Mini - Project Synopsis

Date: 17/06/2021

TITLE: Typing Tutor Project in C

TEAM Number U2-B13

Objectives: In the tech world- typing is the basic skill required to run a computer. The speed with which you type determines your efficiency in the technical world, irrespective of the domain.

The objective of this project is to help the users to enhance their typing skills, speed and accuracy. So, here we present a **Typing Tutor Project** using the **C programming** to measure the user's typing speed and improve their typing speed.

Description in points:

- 1) It is an application designed to improvise the typing speed of the user.
- 2) First, a menu card will be displayed to the user, which has options to start typing. View progress report, rules to use the tutor etc.
- 3) The user is presented with different levels of difficulty in typing.
- 4) Random character's from the keyboard are displayed on the screen according to the difficulty level, and user needs to input the character.
- 5) Progress report is generated for each trial of the typing tutor
- 6) The user will receive a progress report and his accuracy level after he finishes the game and it will be saved.
- 7) He/she will also be able to view his/her previous progress report.
- 8) Rules of the application can be viewed by choosing the rules options in the menu.
- 9) The user can exit the application by choosing the same in the menu.

Concepts implemented till phase-1 evaluation:

- Multiple files and make file concepts.
- Reading and writing on a file.
- Time functions and libraries are imported.
- Random functions to generate random characters.



Modules Used:

- time.h
- conio.h
- stdio.h
- windows.h
- direct.h
- stdlib.h

Current Status of Implementation:

- As of now, we have started by asking the user to choose the difficulty level and start the game. The session ends when a wrong input is given. If all the inputs given are correct then the total score of the user , ratings and speed of typing is displayed.
- Progress report is updated using files concept, and can be viewed when the user want it have a look at his progress.
- Interface, multiple files and make file concepts have been included.

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