



*PROGRAMMED AND PRESENTED BY:*

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# ACKNOWLEDGEMENT

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# ABSTRACT

*The main aim of the project is to increase the typing speed of the user which has become a necessary requirement in this digital world.*

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## **1. INTRODUCTION**

*The SPRAYITX is easy to use software designed to increase the typing speed of individual as it has become a necessity in today's world. The software available online are costly and difficult to use and the free version of it doesn't provide with proper facilities same as that of the paid version.*

## **2. SYSTEM ANALYSIS**

### **2.1 EXISTING SYSTEM**

*Currently the system available doesn't provide with as much benefits since most of them out there put much thought on the user typing speed as even a novice can get the work done even if takes longer time than required .*

### **2.2 PROPOSED SYSTEM**

#### **2.2.1 SCOPE OF THE PROJECT**

*The main objective of the program is as follows:-*

- To give user an estimate of its current typing speed.*
- Provide them user friendly environment.*
- Help them gradually increase their typing speed .*

### **3. AIM OF THE PROJECT**

*The objective of the project is to aim targeted audience that want to save their much precious time that is wasted on typing as their average speed is quite dissatisfying.*

*The average time that can be saved by a worker is up to 35 minutes per day which will compound as we move from days to week to months to years, saving a ton of time our which can be used in something productive.*

### **4. PROJECT MODULES**

*The project has been slashed into many small modules to run effectively, easy to understand and debug. Some important modules used in the project are:*

*Home Modules*

*Free Typing Modules*

*String Typing Modules*

## 5. MODULAR DESCRIPTION

### Home Module

*This module helps as follows:-*

- *This module gives the information about the different tabs that are being used in the program.*
- *The user can make use of this home module to know about the tabs which he or she has to make use.*
- *This module gives an overview of all other tabs.*

### Free Typing Module

*This module helps as follows:-*

- *To practice free typing*
- *Consistency in typing , as color changes when there is a major change in typing speed*
- *The user can get instantaneous typing speed, average speed and time taken after completing the test.*
- *It is connected to main interface, where pressing 'ESC' to get final evaluations, pressing 'ESC' again to get to main interface.*

## String Typing Module

*This module helps as follows:-*

- *User is asked to type a given string by the system.*
- *Helps check speed along with accuracy user gets score based on time taken and error.*
- *User can correct his/her mistake using backspace.*
- *It is also connected to main interface , 'ESC' will help to get to main menu.*

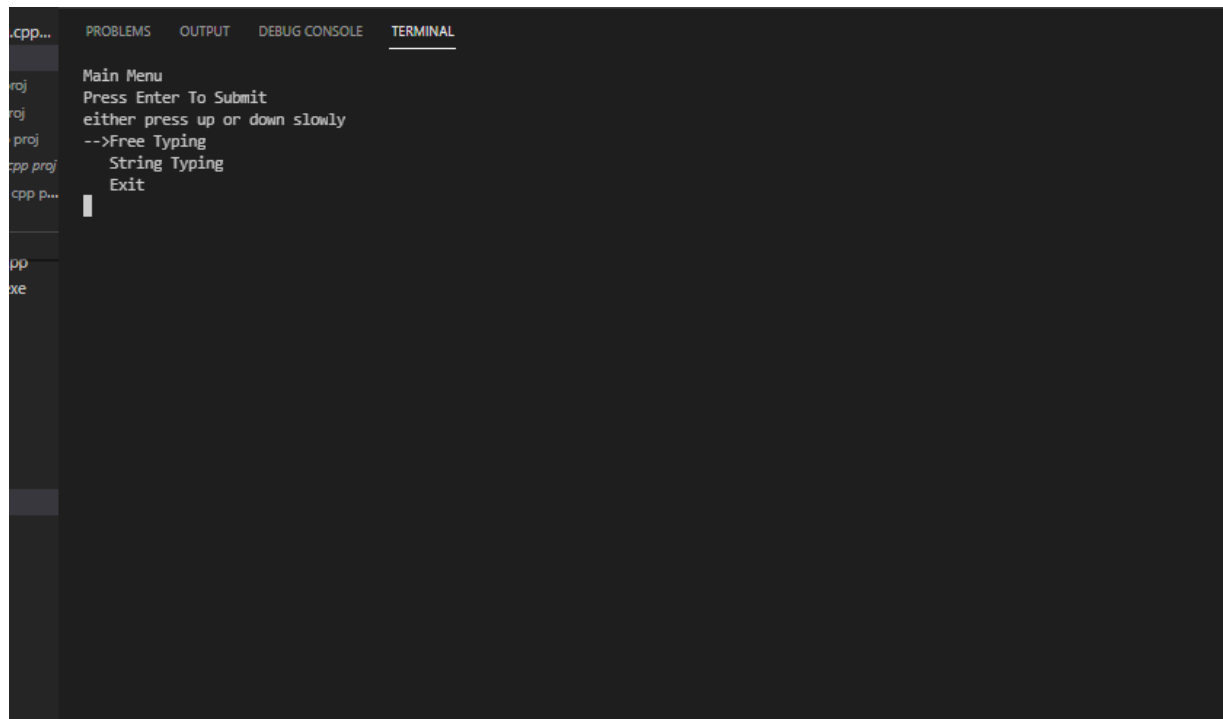
## **6. SYSTEM IMPLEMENTATION**

*The program is been designed by making use of different modules and these modules help each other in the effective working of the program to give a specified result.*

## **7. RESULTS**

### **1) MAIN MENU**

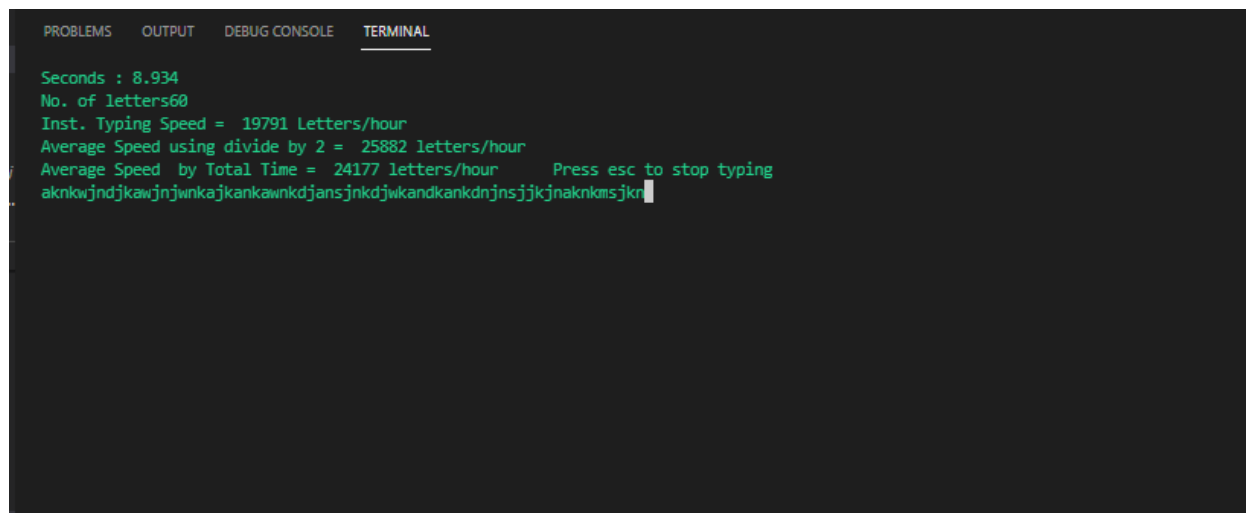




```
.cpp...  PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL

roj      Main Menu
roj      Press Enter To Submit
roj      either press up or down slowly
proj     -->Free Typing
cpp proj  String Typing
cpp p...  Exit
         |
```

## 2) FREE TYPING INTERFACE



```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL

Seconds : 8.934
No. of letters 60
Inst. Typing Speed = 19791 Letters/hour
Average Speed using divide by 2 = 25882 letters/hour
Average Speed by Total Time = 24177 letters/hour   Press esc to stop typing
aknkwjndjkawjnjwnkajkankawnkdjansjnkdwkandkankdnjsjjkknaknmsjkn|
```

## 3) STRING TYPING INTERFACE (1)

```
cpp proj > G++ 0Main.cpp > main()
1 //Func10MainMenu.cpp

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Please enter value less than 1000 and greater than 3
How long do you want the string to be:8
```

#### 4) STRING TYPING INTERFACE (2)

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Random String :-
cliIWeaD
cliIWeaD

All characters are passed correctly.

Total Time taken is 10.806sec.

Your score is : 41.1294

Press esc for main menu
█
```

## 8. CONCLUSION

*The result obtained is a complete package of program which is able to analyze the typing speed and accuracy and help in improving it.*

## **9. REFERENCES**

- 1) **GOOGLE**
- 2) **OBJECT ORIENTED PROGRAMMING BY E. BALAGURUSAMY**
- 3) **Robert Lafore - Object-oriented programming in C++**