/\* typing tutor

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#include<iostream>

#include<string.h>

#include<stdio.h>

#include<time.h>

#include<fstream>

#include<conio.h>

#include<dos.h>

#include<ctime>

#include<cstdlib>

#include<cstdio>

using namespace std;

void basics();

void letters();

void sentence();

int main()

{

int opt;

menu:

cout << "\n\n\t\t\t -----------------TYPING TUTOR------------------";

cout << "\n\n\n\t\t :: MAIN MENU::";

cout << "\n\n\t\t1.learn basics";

cout << "\n\n\t\t2.type the letters";

cout << "\n\n\t\t3.type the sentence";

cout << "\n\n\t\t0.exit";

cout << "\n\n\n\t\t ENTER YOUR CHOICE: ";

cin >> opt;

switch (opt)

{

case 1: basics();

goto menu;

break;

case 2: letters();

goto menu;

break;

case 3: sentence();

goto menu;

break;

case 0: exit(0);

break;

default:goto menu;

break;

}

}

void basics()

{

int rep;

char choice1, choice2;

char key;

char mid[] = "asdfgf ;lkjhj";

char top[] = "qwertr poiuyu";

char bot[] = "zxcvbv /.,mnm";

cout << "\n\n Hello! I think you are new dude to the world of fast typing.............";

cout << "\n\nAnd as I have now agreed to teach you how to be fast in typing.............";

cout << "\n\nLet us start.Are you ready? (y/n)";

cin >> choice1;

if (choice1 == 'y' || choice1 == 'Y')

{

cout << "\n\nUnderstand it is very to do this .........";

cout << "\n\nFollow me.............";

cout << "\n\nLet us study the basics ..............";

cout << "\n\nfirst you have to learn the mid row.........";

cout << "\n\nHow many times do you want to practice: ";

cin >> rep;

cout << "\n\n do you want to see the finger positioning ?(y/n)";

cin >> choice2;

if (choice2 == 'y' || choice2 == 'Y')

{

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cout << "\n\nUnder development................";

getch();

}

cout << "\n\nType what you see on the screen....";

for (int i = 0; i < rep; i++)

{

for (int j = 0; j < 13; j++)

{

cout << "\n\nEnter this:" << mid[j];

cout << "\tYou entered: ";

key = getche();

if (key == mid[j])

{

cout << "\tCorrect.....";

}

else

{

cout << "\tWrong";

}

}

}

//top row

cout << "\n\nNow you have to learn the top row......";

cout << "\n\n How many times do you want to practice:";

cin >> rep;

cout << "\n\nDo you want yo see the finger positioning ?(y/n)";

cin >> choice2;

if (choice2 == 'y' || choice2 == 'Y')

{

cout << "\n\nType what you see on the screen.......";

for (int i = 0; i < rep; i++)

{

for (int j = 0; j < 13; j++)

{

cout << "\n\nEnter this:" << top[j];

cout << "\tYou entered:";

key = getche();

if (key == top[j])

{

}

}

cout << "\tCorrect..";

}

}

else

{

cout << "\tWrong";

}

}

//bottom row

cout << "\n\nFirst you have to learn the bottom row.......";

cout << "\n\n How many times do you want to practice: ";

cin >> rep;

cout << "\n\nDo you want to see the finger positioning ?(y/n)";

cin >> choice2;

if (choice2 == 'y' || choice2 == 'Y')

{

cout << "\n\nUnder Development..............";

getch();

}

cout << "\n\nType what you see on the screen.........";

for (int i = 0; i < rep; i++)

{

for (int j = 0; j < 13; j++)

{

cout << "\n\nEnter this:" << bot[j];

cout << "\tYou entered:";

key = getche();

if (key == bot[j])

{

cout << "\tCorrect.";

}

else

{

cout << "\twrong";

}

}

}

}

void letters()

{

char choice;

int num;

int score = 0, randnum;

char letter, key;

cout << "In this test you will have to type the letters you see on the screen.";

cout << "\n\nDo you want to see the help menu ?(y/n)";

choice = getche();

if (choice == 'y' || choice == 'Y')

{

cout << "\n\n1.youo have to type the random letters you see on the screen.";

cout << "\n\n if youor answer is correct you can hear the beep.";

while (!kbhit())

{

}

cout << "\n\n If your answer is wrong you can hear this ";

while (!kbhit())

{

}

}

cout << "\n\n press any key when you are ready.";

getch();

int number;

cout << "\n\n what should be the max score?";

cin >> number;

for (int i = 0; i < number; i++)

{

srand(time(0));

randnum = (rand() % 10);

for (int j = 0; j < randnum; j++)

cout << "\t";

num = 65 + (rand() % 10);

letter = (char)num;

cout << letter;

key = getch();

if (key == letter)

{

score++;

}

else

{

score = score + 1;

}

}

cout << "\n\n\n your total score is" << score;

getch();

}

void sentence()

{

time\_t t1, t2;

char line[300];

cout << "This is speed test to try your speed.\n";

type:

cout << "\n you will have to type the sentence given.\n";

cout << "\n\n press any key to start.";

getch();

t1 = time(NULL);

cout << "I am learning to type";

cout << "\n\nEnter the sentence";

gets\_s(line);

t2 = time(NULL);

if (!strcmp(line, "I am learning to type."))

{

cout << "\n\n You could type the sentence in " << t2 - t1 << "seconds";

getch();

}

else

{

cout << "\n\n The sentence you typed was wrong.....";

getch();

goto type;

}

}