QUIZ GAME USING C++

SOURCE CODE

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SOURCE CODE

```
#include<stdlib.h>
#include <iostream>
#include <Windows.h>
#include <conio.h>
#include <ctime>
#include<fstream>
#include<iomanip>
using namespace std;

int myarr=0;
int point=0;
void timer();
void firstscreen();
double duration;
double maxtime=60;
string comm;

enum color
{
	NONE,
	DARK_BLUE,
	GREEN,
	DARK_CYAN,
	DARK_RED,
	PURPLE,
```

```
        DARK_YELLOW,
        NORMAL,
        GRAY,
        BLUE,
        LIME,
        CYAN,
        RED,
        PINK,
        YELLOW,
        WHITE
};


struct question
{
        string ques;
        string ans1;
        string ans2;
        string ans3;
        string ans4;
        char ans;
};

int main()
{
        char name;
        cout.setf(ios::fixed|ios::showpoint);
```

```
        cout<<setprecision(2);
        firstscreen();
        getch();
        system("cls");



return 0;
}

struct student
{
        int rollno;
        char name[50];
        int obt;
        double per;
        char grade;
        void calculate();
        void Result();


public:
        void getdata();
        void showdata() const;
        void show_tabular() const;
};
```

```
void setcolor(color newColor)
{
	SetConsoleTextAttribute(GetStdHandle(STD_OUTPUT_HANDLE),(newColor) );
}



void gotoXY(int x, int y)
{

	HANDLE console = GetStdHandle(STD_OUTPUT_HANDLE);	//Handles of the active console screen buffer
	COORD CursorPosition;
	CursorPosition.X = x;
	CursorPosition.Y = y;



	SetConsoleCursorPosition(console,CursorPosition);
}



//-------------------------------------------------3-----------------------------------------------------------
void student::show_tabular() const
{
	cout<<rollno<<setw(15)<<name<<setw(10)<<obt<<setw(10)<<per<<setw(6)<<grade<<endl;
	myarr++;
```

```
}

void class_result()
{
	student st;
	ifstream inFile;

	inFile.open("Q.txt",ios::binary);
	if(!inFile)
	{
		cout<<"File could not be open !! Press any Key...";
		cin.ignore();

		cin.get();
		return;
	}

	cout<<"\n\n\t\tALL STUDENTS RESULT \n";
	cout<<"\n\t\tPress Enter to Go Back Home Screen\n";
	cout<<"==========================================================\n";
	cout<<"R.No	Name	Points	%	Grade"<<endl;
	cout<<"==========================================================\n";
	while(inFile.read(reinterpret_cast<char *> (&st), sizeof(student)))
	{
		st.show_tabular();
	}
	cin.ignore();
```

```
	cin.get();
	inFile.close();
}


//-------------------------------------------------2-------------------------------------------------------------
void info()
{
	setcolor(RED);
	gotoXY(56,4);
		cout<<"Instruction"<<endl;
	setcolor(GREEN);
	gotoXY(50,5);
		cout<<"Press Enter to Home Menu"<<endl;

		setcolor(LIME);
		gotoXY(38,6);
		cout<<"  _____________________________________________"<<endl;
		gotoXY(38,7);
		cout<<" / \\                                  \\."<<endl;
		gotoXY(38,8);
		cout<<"|   |                               |."<<endl;
		gotoXY(38,9);
		cout<<" \\_ | Select==>                     |."<<endl;
		gotoXY(38,10);
		cout<<"    | Press only Valid Opton--> (a,b,c,d)  |."<<endl;
		gotoXY(38,11);
```

```
cout<<"    | if u Press Other key consider wrong  |."<<endl;
gotoXY(38,12);
cout<<"    | answer.                        |."<<endl;
gotoXY(38,13);
cout<<"    |                                |."<<endl;
gotoXY(38,14);
cout<<"    | Skip==>                        |."<<endl;
gotoXY(38,15);
cout<<"    | Press Enter to Skip the Question     |."<<endl;
gotoXY(38,16);
cout<<"    |                                |."<<endl;
gotoXY(38,17);
cout<<"    | Points==>                      |."<<endl;
gotoXY(38,18);
cout<<"    | 10 Point will be awarded for each    |."<<endl;
gotoXY(38,19);
cout<<"    | correct answer.                |."<<endl;
gotoXY(38,20);
cout<<"    |                                |."<<endl;
gotoXY(38,21);
cout<<"    | Time==>                        |."<<endl;
gotoXY(38,22);
cout<<"    | Team will be given 60 seconds for    |."<<endl;
gotoXY(38,23);
cout<<"    | each question.                 |."<<endl;
gotoXY(38,24);
cout<<"    |                                |."<<endl;
```

```
        gotoXY(38,25);
        cout<<"    | Identification==>              |."<<endl;
        gotoXY(38,26);
        cout<<"    | Enter Roll Number and Name for Recod |."<<endl;
        gotoXY(38,27);
        cout<<"    | save                          |."<<endl;
        gotoXY(38,28);
        cout<<"    |  _____|___"<<endl;
        gotoXY(38,29);
        cout<<"    |  /                            /."<<endl;
        gotoXY(38,30);
        cout<<"    \\_/_____/."<<endl;

}

//-----------------------------------------------------1-----------------------------------------------------

void student::Result()
{
        int f=30;
        setcolor(RED);
        gotoXY(0,3);
        cout<<"  _____              _ _   "<<endl;
        gotoXY(0,4);
        cout<<" |  __ \\            | | |  "<<endl;
        gotoXY(0,5);
        cout<<" | |__) |___  ___ _  _| | |_ "<<endl;
```

```
        gotoXY(0,6);
        cout<<" |  _  // _ \\/ __| | | | | __|"<<endl;
        gotoXY(0,7);
        cout<<" | | \\ \\  __/\\__ \\ |_| | | |_ "<<endl;
        gotoXY(0,8);
        cout<<" |_|  \\_\\___||___/\\__,_|_|\\__|"<<endl;

        setcolor(YELLOW);
gotoXY(30,1);
cout<<"               ,---.         ,---.   "<<endl;
gotoXY(30,2);
cout<<"              / /^`.\\.--''''-./,'^\\ \\  "<<endl;
gotoXY(30,3);
cout<<"              \\ \\   _     _   / /     "<<endl;
gotoXY(30,4);
cout<<"               `./  / __   __ \\  \\,'    "<<endl;
gotoXY(30,5);
cout<<"                /   /_O)_(_O\\   \\   "<<endl;
gotoXY(30,6);
cout<<"                |  .-' ___  `-.  |        "<<endl;
gotoXY(30,7);
cout<<"              .--|      \\_/      |--.     "<<endl;
gotoXY(30,8);
cout<<"            ,'   \\  \\   |   /   /   `."<<endl;
gotoXY(30,9);
cout<<"           /      `.  `--^--'  ,'      \\"<<endl;
gotoXY(30,10);
```

```
cout<<"           .-^^^^^-.    `--.___.--'     .-^^^^^-."<<endl;
gotoXY(30,11);
cout<<".-----------/        \\------------------/        \\--------------."<<endl;
gotoXY(30,12);
cout<<"| .---------\\        /----------------- \\        /------------. |"<<endl;
gotoXY(30,13);
cout<<"| |         `-`--`--'                `--'--'-'           | |"<<endl;
gotoXY(30,14);
cout<<"| |                                                     | |"<<endl;
gotoXY(30,15);
cout<<"| |                                                     | |"<<endl;
gotoXY(30,16);
cout<<"| |                                                     | |"<<endl;
gotoXY(30,17);
cout<<"| |                                                     | |"<<endl;
gotoXY(30,18);
cout<<"| |_____________________________________________________| |"<<endl;
gotoXY(30,19);
cout<<"|_____________________________________________________________|"<<endl;
gotoXY(30,20);
cout<<"               )_____________|__|_____________("<<endl;
gotoXY(30,21);
cout<<"               |            ||            |"<<endl;
gotoXY(30,22);
cout<<"               |_____________||_____________|"<<endl;
gotoXY(30,23);
cout<<"                ),-----.(      ),-----.("<<endl;
```

```
gotoXY(30,24);
cout<<"              ,'  ==.  \\   /  .==   `."<<endl;
gotoXY(30,25);
cout<<"             /         ) (         \\"<<endl;
gotoXY(30,26);
cout<<"             `==========='   `===========' "<<endl;
        setcolor(CYAN);
        gotoXY(35,14);
        cout<<"Name ==>"<<name;
        setcolor(CYAN);
        gotoXY(70,14);
        cout<<"Roll No ==> "<<rollno;
        setcolor(CYAN);
        gotoXY(35,15);
        cout<<"Total Score ==> 50";
        gotoXY(70,15);
        cout<<"Your Score ==> "<<point;
        setcolor(CYAN);
        gotoXY(35,16);
        cout<<"Percentage ==> "<<per;
        gotoXY(70,16);
        cout<<"Grade ==> "<<grade;
        setcolor(CYAN);
        gotoXY(35,17);
        cout<<"Comments==> "<<comm;
   getch();
```

```
}


void student::calculate()
{
        per=point/5*10;

        if(per>=80)
        {
                grade='A';
                comm="Excellent";
                }
        else if(per>=60)
                {
                        grade='B';
                        comm="Good";
                }

        else if(per>=40)
                {
                        grade='C';
                        comm="Fair";
                }
        else
                {
                        grade='F';
                        comm="Fail Do hard work..";
```

```
                }

                cout<<"\t \t \t Press ENTER to EXIT";
}

void ebod()
{
                for(int x = 20; x < 103; x++){
                setcolor(CYAN);
                gotoXY(x,4);
                cout<<char(205);    //==== top-length
                }

                for(int x = 20; x < 103; x++){
                setcolor(PURPLE);
                gotoXY(x,12);
                cout<<char(205);  //===== mid-length
                }


                for(int x = 5; x < 12; x++){
                setcolor(CYAN);
                gotoXY(20,x);
                cout<<char(186);  // || left-top width
                }
                for(int x = 5; x < 12; x++){
```

```
                    setcolor(CYAN);
                    gotoXY(103,x);
                    cout<<char(186);   //   || right-top width
                    }
                    setcolor(CYAN);

                    gotoXY(20,4);
                    cout<<char(201);        //Left-top edge
                    gotoXY(103,4);
                    cout<<char(187);        //right-top edge
                    gotoXY(103,12);
                    cout<<char(188);        //right-bottom edge
                    gotoXY(20,12);
                    cout<<char(200);       //left-bottom edge

}
//-------------------------------------------------------GK-------------------------------------------------------

void GK()
{

        clock_t start;
   start = clock();

        char a,b,e;
   int t=0;
        int i=0;
```

```
int right=0;
int wrong=0;
char answer;
struct question abc[6];
int srno=0;

abc[0] = {"Which one of the following river flows between Vindhyan and Satpura ranges?","Narmada","Mahanadi","Son","Netravati",'a'};
abc[1] = {"The Central Rice Research Station is situated in?","Chennai","Cuttack","Bangalore","Quilon",'b'};
abc[2] = {"Who among the following wrote Sanskrit grammar?","Kalidasa","Charak","Panini","Aryabhatt",'c'};
abc[3] = {"The metal whose salts are sensitive to light is?","Zinc","Silver","Copper","Aluminum",'b'};
abc[4] = {"Where was the electricity supply first introduced in India?","Mumbai","Dehradun","Darjeeling","Chennai",'c'};

do {
    duration = (clock() - start ) / (double) CLOCKS_PER_SEC;
        setcolor(RED);
        gotoXY(69,3);
        cout << maxtime-duration << endl;
    if (duration>=maxtime) {
        t=0;
        break;
    }
```

```
if (srno==i) {
        system("cls");

        srno++;
        b=' ';
        e=' ';
        answer=abc[i].ans;

        ebod();
        for(int x = 12; x < 16; x++){
        setcolor(CYAN);
        gotoXY(20,x);
        cout<<char(186);                    //left-bottom width
        }
        for(int x = 20; x < 103; x++){
        setcolor(CYAN);
        gotoXY(x,16);
        cout<<char(205);
        }
                                            //bottom-length
        for(int x = 12; x < 16; x++){
        setcolor(CYAN);
        gotoXY(103,x);
        cout<<char(186);
        }                           //right-bottom width
```

```
setcolor(CYAN);
gotoXY(103,16);
cout<<char(188);
gotoXY(20,16);
cout<<char(200);

int col=23;
setcolor(BLUE);
gotoXY(23,5);

cout << "Question "<<srno<<") " <<endl;
gotoXY(23,6);cout<< abc[i].ques<< endl;
gotoXY(col,8);

setcolor(DARK_YELLOW);
cout <<" a - " << abc[i].ans1<< endl;
gotoXY(col,9);
cout <<" b - " << abc[i].ans2<< endl;
gotoXY(col,10);
cout << " c - " << abc[i].ans3<< endl;
gotoXY(col,11);
cout << " d - " << abc[i].ans4<< endl;
gotoXY(45,13);

cout << " Press Enter to skip ";
gotoXY(45,14);
```

```
        cout << " Select your Option ==> ";

        setcolor(YELLOW);
        gotoXY(45,3);
        cout << " Your Remaning Time ==> ";

}

if(_kbhit()){
        setcolor(YELLOW);
        gotoXY(70,14);
        a=getch();
        cout<<a;

        if(int(a)==13)
        {

                gotoXY(30,18);
                setcolor(RED);
            cout << "You skipped this Question";
        }
        else {
            if(a==answer)
            {
                gotoXY(62,18);
                setcolor(LIME);
                point=point+10;
```

```
                cout << "Congratulation You selected right option";
            }
            else
            {
                gotoXY(70,18);
                setcolor(GREEN);
                cout << "Correct Option is  ==> "<<answer;
                gotoXY(30,18);
                setcolor(RED);
                cout << "You selected wrong option.";

            }
        }
        getch();
        i++;
    }
} while (i<5);

if (i<4) {
    cout<<"\n \t\t\t\t\t Time is up. You failed to attempt all questions"<<endl;
}

getch();
}
```

```
//-------------------------------------------------Programming-----------------------------------------------------

void P()
{
        clock_t start;
   start = clock();

        char a,b,e;
   int t=0;
        int i=0;
        int right=0;
        int wrong=0;
        char answer;
        struct question abc[6];
        int srno=0;

        abc[0] = {"Which of the following is not the characteristic of a class?","Generic","Friend","Inline","Inline",'c'};
        abc[1] = {"Which of the following statements is most suitable for the language?","Statically typed language.","Dynamically typed language.","All","Type-less language.",'a'};
        abc[2] = {"Which of the following operators doesn’t allow overloading?","Comparison operator.","Assignment operator.","Scope resolution operator.","Dereference operator.",'c'};
        abc[3] = {"Which of the following isn’t supported in C++ language?","Namespaces.","Inheritance","Reflection.","Polymorphism.",'c'};
        abc[4] = {"Which of the following keywords can’t appear inside a class definition?","template","static","virtual","friend",'a'};

        do {
```

```
duration = (clock() - start ) / (double) CLOCKS_PER_SEC;
        setcolor(RED);
        gotoXY(69,3);
        cout << maxtime-duration << endl;
if (duration>=maxtime) {
        t=0;
        break;
}

if (srno==i) {
        system("cls");

        srno++;
        b=' ';
        e=' ';
        answer=abc[i].ans;

        ebod();
        for(int x = 12; x < 16; x++){
        setcolor(CYAN);
        gotoXY(20,x);
        cout<<char(186);                    //left-bottom width
        }
        for(int x = 20; x < 103; x++){
        setcolor(CYAN);
        gotoXY(x,16);
        cout<<char(205);
```

```
}
                                        //bottom-length
for(int x = 12; x < 16; x++){
setcolor(CYAN);
gotoXY(103,x);
cout<<char(186);
}                               //right-bottom width



setcolor(CYAN);
gotoXY(103,16);
cout<<char(188);
gotoXY(20,16);
cout<<char(200);

int col=23;
setcolor(BLUE);
gotoXY(23,5);

cout << "Question "<<srno<<") " <<endl;
gotoXY(23,6);cout<< abc[i].ques<< endl;
gotoXY(col,8);

setcolor(DARK_YELLOW);
cout <<" a - " << abc[i].ans1<< endl;
gotoXY(col,9);
```

```
        cout <<" b - " << abc[i].ans2<< endl;
        gotoXY(col,10);
        cout << " c - " << abc[i].ans3<< endl;
        gotoXY(col,11);
        cout << " d - " << abc[i].ans4<< endl;
        gotoXY(45,13);

        cout << " Press Enter to skip ";
        gotoXY(45,14);
        cout << " Select your Option ==> ";

        setcolor(YELLOW);
        gotoXY(45,3);
        cout << " Your Remaning Time ==> ";

}

if(_kbhit()){
        setcolor(YELLOW);
        gotoXY(70,14);
        a=getch();
        cout<<a;

        if(int(a)==13)
        {

                gotoXY(30,18);
```

```
                    setcolor(RED);
                    cout << "You skipped this Question";
                }
                else {
                    if(a==answer)
                    {
                        gotoXY(62,18);
                        setcolor(LIME);
                        point=point+10;
                        cout << "Congratulation You selected right option";
                    }
                    else
                     {
                        gotoXY(70,18);
                        setcolor(GREEN);
                        cout << "Correct Option is  ==> "<<answer;
                        gotoXY(30,18);
                        setcolor(RED);
                        cout << "You selected wrong option.";

                    }
                }
                getch();
                i++;
            }
    } while (i<5);
```

```
        if (i<4) {
                cout<<"\n \t\t\t\t\t Time is up. You failed to attempt all questions"<<endl;

        }

        getch();
}



//-------------------------------------------------LITERATURE-----------------------------------------------------------

void E()
{

        clock_t start;
   start = clock();

        char a,b,e;
   int t=0;
        int i=0;
        int right=0;
        int wrong=0;
        char answer;
        struct question abc[6];
        int srno=0;
```

```
abc[0] = {"Which poem ends 'I shall but love thee better after death'?","How do I love thee","Ode to a Grecian urn","In faith I do not love thee with mine eyes","Let me not to the marriage of true minds",'a'};

abc[1] = {"Which poet is considered a national hero in Greece?","John keats","Lord Byron","Solan","Sappho",'b'};

abc[2] = {"Who wrote about the idyllic 'Isle of Innisfree'?","Dylan Thomas","Ezra Pound","W. B. Yeats","E.E. Cummings",' c'};

abc[3] = {"A pattern of accented and unaccented syllables in lines of poetry?","Rhyme","Meter","Metaphor","Simile",'b'};

abc[4] = {" Which of the following is not a poetic tradition?","The Epic","The Comic","The Occult","The Tragic",'c'};


do {
        duration = (clock() - start ) / (double) CLOCKS_PER_SEC;
                setcolor(RED);
                gotoXY(69,3);
                cout << maxtime-duration << endl;
        if (duration>=maxtime) {
                t=0;
                break;
        }

        if (srno==i) {
                system("cls");

                srno++;
                b=' ';
                e=' ';
```

```
answer=abc[i].ans;


ebod();
for(int x = 12; x < 16; x++){
setcolor(CYAN);
gotoXY(20,x);
cout<<char(186);                    //left-bottom width
}
for(int x = 20; x < 103; x++){
setcolor(CYAN);
gotoXY(x,16);
cout<<char(205);
}
                                    //bottom-length
for(int x = 12; x < 16; x++){
setcolor(CYAN);
gotoXY(103,x);
cout<<char(186);
}                           //right-bottom width



setcolor(CYAN);
gotoXY(103,16);
cout<<char(188);
gotoXY(20,16);
cout<<char(200);
```

```
int col=23;
setcolor(BLUE);
gotoXY(23,5);

cout << "Question "<<srno<<") " <<endl;
gotoXY(23,6);cout<< abc[i].ques<< endl;
gotoXY(col,8);

setcolor(DARK_YELLOW);
cout <<" a - " << abc[i].ans1<< endl;
gotoXY(col,9);
cout <<" b - " << abc[i].ans2<< endl;
gotoXY(col,10);
cout << " c - " << abc[i].ans3<< endl;
gotoXY(col,11);
cout << " d - " << abc[i].ans4<< endl;
gotoXY(45,13);

cout << " Press Enter to skip ";
gotoXY(45,14);
cout << " Select your Option ==> ";

setcolor(YELLOW);
gotoXY(45,3);
cout << " Your Remaning Time ==> ";
```

```
}

if(_kbhit()){
        setcolor(YELLOW);
        gotoXY(70,14);
        a=getch();
        cout<<a;

        if(int(a)==13)
        {

                gotoXY(30,18);
                setcolor(RED);
            cout << "You skipped this Question";
        }
        else {
            if(a==answer)
            {
                gotoXY(62,18);
                setcolor(LIME);
                point=point+10;
                cout << "Congratulation You selected right option";
            }
            else
             {
                gotoXY(70,18);
                setcolor(GREEN);
```

```
                                        cout << "Correct Option is  ==> "<<answer;
                                        gotoXY(30,18);
                                        setcolor(RED);
                                        cout << "You selected wrong option.";

                                }
                        }
                        getch();
                        i++;
                }
        } while (i<5);

        if (i<4) {
                cout<<"\n \t\t\t\t\t Time is up. You failed to attempt all questions"<<endl;
        }

        getch();
}


   //-------------------------------------------------QUESTIONS-----------------------------------------------------

void q()
{


        system("CLS");
```

```
system("COlOR 0E");



setcolor(GREEN);
gotoXY(50,20);
cout<<" <<";
gotoXY(74,20);
cout<<" >>";
gotoXY(54,20);
setcolor(WHITE);
cout<<"Press Enter Continue";
Beep(500, 100);
gotoXY(45,10);
cout<<"===== Select Field to test your skills =====";
gotoXY(50,12);
cout<<"1-->  General Knowledge";
gotoXY(50,13);
cout<<"2-->  Programming Language ";
gotoXY(50,14);
cout<<"3-->  English Literature";
gotoXY(42,16);
setcolor(CYAN);
cout<<"Select : ";
Beep(500, 100);
go:
int choice;
```

```
        gotoXY(51,16);
        cin>>choice;

switch(choice)
        {
                case 1:
                        {
                        system("CLS");

                        GK();
                        break;
                        }
        case 2:
                        {
                        system("CLS");

                        P();
                        break;
                        }
        case 3:
                        {
                        system("CLS");
                        E();
                        break;
                        }

        default:
```

```
                    setcolor(RED);
                    cout<<"  \tINVALID CHOICE! \n";
                    cout<<"     Enter either 1,2 or 3";
                    getch();
                    goto go;
          }

}



void quiz()
{

   q();

}

//-------------------------------------------------------------------------------------------------------------------

void student::getdata()
{
          point=0;
          cout<<"\nEnter the roll number of student: ";
          cin>>rollno;
          cout<<"\n\nEnter the Name of student: ";
```

```
        cin.ignore();
        cin.getline(name,50);
        system("cls");
        quiz();
        obt=point;

        calculate();
        system("cls");
        Result();
}



void write_student()
{
        student st;
        ofstream outFile;
        outFile.open("Q.txt",ios::binary|ios::app);
        st.getdata();
        outFile.write(reinterpret_cast<char *> (&st), sizeof(student));
        cin.get();
}



//-----------------------------------------------------FIRSTSCREEN----------------------------------------------------
```

```
void firstscreen()
{

        doo :
        system("CLS");
                                                setcolor(PURPLE);
                        cout<<"\n\n\n\t\t\t\t  __     __  ___  | |  ___   ___   _ __ ___    ___ "<<endl;
                        cout<<"\t\t\t\t  \\ \\ /\\ / /  / _ \\ | |  / __|  / _ \\  | '_ ` _ \\  / _ \\ "<<endl;
                        cout<<"\t\t\t\t   \\ V  V /  |  __/ | | | (__  | (_) | | | | | | | |  __/ "<<endl;
                        cout<<"\t\t\t\t    \\_/\\_/    \\___| |_|  \\___|  \\___/  |_| |_| |_| |_|  \\___|
"<<endl;



        setcolor(GREEN);
        gotoXY(50,20);
        cout<<" <<";
        gotoXY(74,20);
        cout<<" >>";
        gotoXY(54,20);
        setcolor(WHITE);
        cout<<"Press Enter Continue";
        Beep(500, 100);
        gotoXY(45,10);
        cout<<"======Select Following Option ======";
        gotoXY(50,12);
        cout<<"1-->  New Game";
        gotoXY(50,13);
```

```
        cout<<"2-->  Instructions";
        gotoXY(50,14);
        cout<<"3-->  Result Record";
        gotoXY(42,16);
        setcolor(CYAN);
        cout<<"Select : ";
        Beep(500, 100);
        go:
        int type;
        gotoXY(51,16);
        cin>>type;

switch(type)
        {
                case 1:
                        {
                        system("CLS");

                        system("COlOR 3F");
                        write_student();
                        break;
                        }
        case 2:
                        {
                        system("CLS");

                        info();
```

```
                getch();
                goto doo;
                break;
                }
        case 3:
                {
                system("CLS");
                setcolor(GREEN);
                class_result();

                system("CLS");
                goto doo;
                break;
                }

        default:

                setcolor(RED);

                cout<<"  \tINVALID CHOICE! \n";
                cout<<"     Enter either 1,2 or 3";
                getch();
                goto go;
        }

}
```