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# Search for Code... SEARCH

int NUM_TRY=3;
int checkGuess (char, string, string&);
void main_menu();
string message = "Play!";

int main(int argc, char *argv[])
{
    string name;
    char letter;
    string month;

    string months[] =
    {
        "january",
        "february",
        "march",
        "april",
        "may",
        "june",
        "july",
        "august",
        "september",
        "october",
        "november",
        "december"
    };

    srand(time(NULL));
    int n=rand()% 12;
    month=months[n];

    string hide_m(month.length(),'X');

    while (NUM_TRY!=0)
    {
        main_menu();
        cout << "\n\n\t\t\t\t" << hide_m;
        cout << "\n\n\t\t\t\tGuess a letter: ";
        cin >> letter;

        if (checkGuess(letter, month, hide_m)==0)
        {
            message = "Incorrect letter.";
            NUM_TRY = NUM_TRY - 1;
        }
        else
        {
            message = "NICE! You guess a letter";
        }

        if (month==hide_m)
        {
            message = "Congratulations! You got it!";
            main_menu();
            cout << "\n\n\t\t\t\tThe month is : " << month << endl;
            break;
        }
    }
}
```





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    cout << "\n\t\t\t\tThe month was : " << month << endl;
}
cin.ignore();
cin.get();
return 0;
}

int checkGuess (char guess, string secretmonth, string &guessmonth)
{
    int i;
    int matches=0;
    int len=secretmonth.length();
    for (i = 0; i< len; i++)
    {
        if (guess == guessmonth[i])
            return 0;

        if (guess == secretmonth[i])
        {
            guessmonth[i] = guess;
            matches++;
        }
    }
    return matches;
}

void main_menu()
{
    system("color 05");
    system("cls");
    cout<<"\t\t\t\t*\t*";

    cout<<"\t\t\t\t**\t**";
    cout<<"\t\t\t\t***\t***";
    cout<<"\t\t\t\t****\t****";
    cout<<"\t\t\t\t*****\t*****";
    cout<<"\t\t\t\t*****\t*****";
    cout<<"\t\t\t\t*****\t*****";
    cout<<"\t\t\t\t*****\t*****";
    cout<<"\t\t\t\t*****\t*****";
    cout<<"\t\t\t\t*****\t*****";
    cout<<"\t\t\t\t****\t****";
    cout<<"\t\t\t\t***\t***";
    cout<<"\t\t\t\t**\t**";
    cout<<"\t\t\t\t*\t*";

    cout<<"\t\t@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@";
        cout<<"\n\t\t\t\tHangman Game!";
                cout << "\n\t\tYou have " << NUM_TRY << " tries to try and guess the
month.";
                        cout<<"\n\n\t\t\t\t"+message;
    cout<<"\n\t\t@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@~\n";
}

```