

حقوق النشر محفوظة، أسعار الكورسات في المنصة هي أسعار رمزيه جدا، ارجو عدم نشر هذه الوثيقة لان نشرها سيمنعنا من الاستمرار في تقديم العلم للآخرين

ارجو عدم استخدام هذه الوثيقة من غير وجه حق لأنك ستحرم الاف الناس من التعلم

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```
#include <iostream>
#include <string>
#include <vector>
using namespace std;
struct stDate
    short Year;
    short Month;
    short Day;
};
vector<string> SplitString(string S1, string Delim)
{
    vector<string> vString;
    short pos = 0;
    string sWord; // define a string variable
    // use find() function to get the position of the delimiters
    while ((pos = S1.find(Delim)) != std::string::npos)
    {
        sWord = S1.substr(0, pos); // store the word
        if (sWord != "")
            vString.push_back(sWord);
        }
        S1.erase(0, pos + Delim.length()); /* erase() until
positon and move to next word. */
    }
    if (S1 != "")
        vString.push_back(S1); // it adds last word of the string.
    }
    return vString;
}
```





```
string ReplaceWordInString(string S1, string StringToReplace,
string sRepalceTo)
{
    short pos = S1.find(StringToReplace);
    while (pos != std::string::npos)
    {
        S1 = S1.replace(pos, StringToReplace.length(),
sRepalceTo);
        pos = S1.find(StringToReplace);//find next
    }
    return S1;
}
string DateToString(stDate Date)
    return to_string(Date.Day) + "/" + to_string(Date.Month) +
"/" + to_string(Date.Year);
stDate StringToDate(string DateString)
    stDate Date;
    vector <string> vDate;
    vDate = SplitString(DateString, "/");
    Date.Day = stoi(vDate[0]);
    Date.Month = stoi(vDate[1]);
    Date.Year = stoi(vDate[2]);
    return Date;
}
```





```
string FormateDate(stDate Date, string DateFormat = "dd/mm/yyyy")
    string FormattedDateString = "";
    FormattedDateString = ReplaceWordInString(DateFormat, "dd",
to_string(Date.Day));
    FormattedDateString = ReplaceWordInString(FormattedDateString,
"mm", to_string(Date.Month));
    FormattedDateString = ReplaceWordInString(FormattedDateString,
"yyyy", to_string(Date.Year));
    return FormattedDateString;
}
string ReadStringDate(string Message)
    string DateString;
    cout << Message;</pre>
    getline(cin >> ws, DateString);
    return DateString;
}
int main()
    string DateString = ReadStringDate("\nPlease Enter Date
dd/mm/yyyy? ");
    stDate Date = StringToDate(DateString);
    cout << "\n" << FormateDate(Date) << "\n";</pre>
    cout << "\n" << FormateDate(Date, "yyyy/dd/mm") << "\n";</pre>
    cout << "\n" << FormateDate(Date, "mm/dd/yyyy") << "\n";</pre>
    cout << "\n" << FormateDate(Date, "mm-dd-yyyy") << "\n";</pre>
    cout << "\n" << FormateDate(Date, "dd-mm-yyyy") << "\n";</pre>
    cout << "\n" << FormateDate(Date, "Day:dd, Month:mm,</pre>
Year:yyyy") << "\n";
    system("pause>0");
    return 0;
}
```