

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

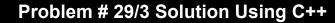
ارجو عدم استخدام هذه الوثيقة من غير وجه حق لأنك ستحرم الاف الناس من التعلم

**ProgrammingAdvices.com** 





```
#include <string>
#include <iostream>
using namespace std;
string ReadString()
    string S1;
    cout << "Please Enter Your String?\n";</pre>
    getline(cin, S1);
    return S1;
}
enum enWhatToCount { SmallLetters=0, CapitalLetters=1,All=3};
short CountLetters(string S1, enWhatToCount
WhatToCount=enWhatToCount::All)
{
    if (WhatToCount == enWhatToCount::All)
        return S1.length();
    short Counter = 0;
    for (short i = 0; i < S1.length(); i++)</pre>
        if (WhatToCount==enWhatToCount::CapitalLetters &&
isupper(S1[i]))
            Counter++;
        if (WhatToCount == enWhatToCount::SmallLetters &&
islower(S1[i]))
            Counter++;
    }
    return Counter;
}
```





```
short CountCapitalLetters(string S1)
    short Counter = 0;
    for (short i = 0; i < S1.length(); i++)</pre>
        if (isupper(S1[i]))
            Counter++;
    }
    return Counter;
}
short CountSmallLetters(string S1)
    short Counter = 0;
    for (short i = 0; i < $1.length(); i++)</pre>
        if (islower(S1[i]))
            Counter++;
    }
    return Counter;
}
```





```
int main()
{
    string S1 = ReadString();
    cout << "\nString Length = " << S1.length();
    cout << "\nCapital Letters Count= " <<
CountCapitalLetters(S1);
    cout << "\nSmall Letters Count= " << CountSmallLetters(S1);
    cout << "\nSmall Length = " << CountLetters(S1);
    cout << "\nString Length = " << CountLetters(S1);
    cout << "\nCapital Letters Count= " << CountLetters(S1,
enWhatToCount::CapitalLetters);
    cout << "\nSmall Letters Count= " <<
CountLetters(S1, enWhatToCount::SmallLetters );
    system("pause>0");
}
```