

Лабораторная работа №1

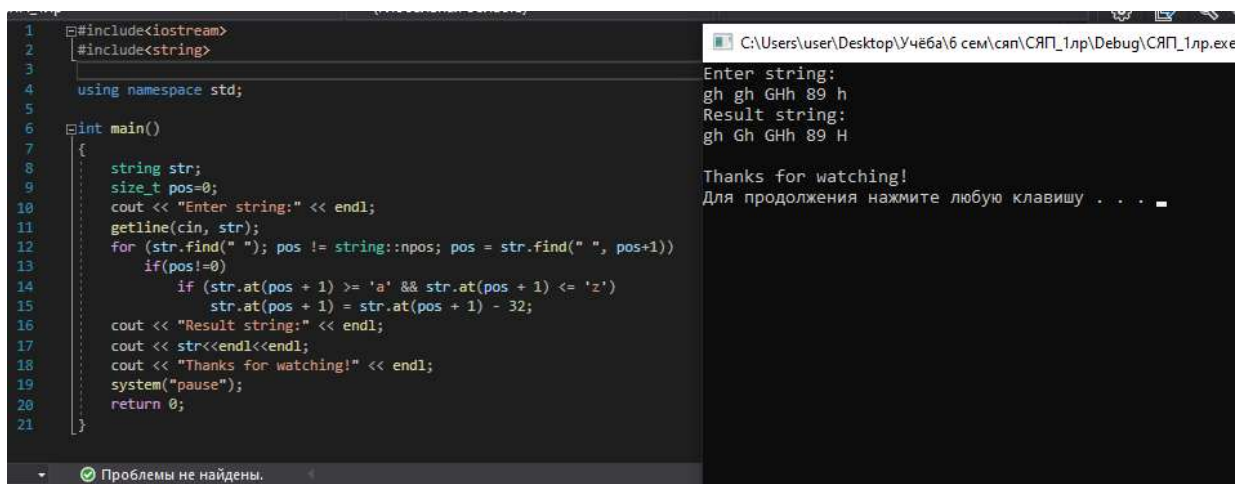
Вариант 5 (4 в списке группы)

Задание: Если первый символ после пробела строчная буква, заменить на прописную.

Языки программирования: C++, Python

Выполнение:

C++

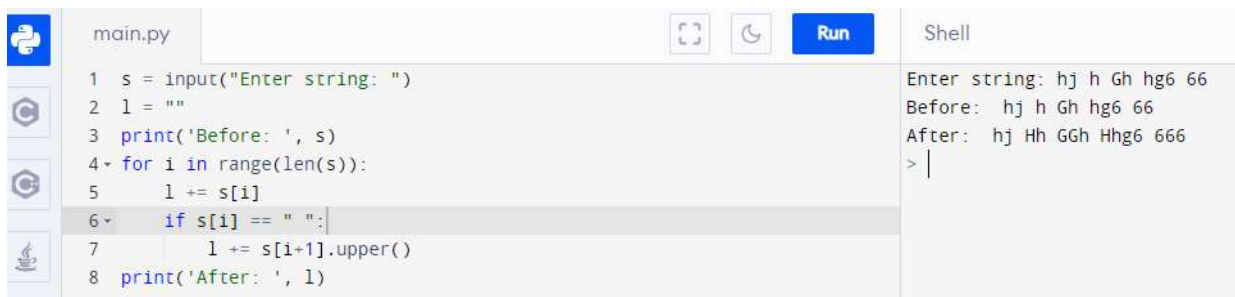


The screenshot shows a C++ program in a code editor on the left and its execution output in a terminal window on the right. The code defines a function that takes a string, finds the first space, and capitalizes the following character if it is a lowercase letter. The terminal output shows the input string "gh gh GHh 89 h" being processed to "gh Gh GHh 89 H".

```
1 #include<iostream>
2 #include<string>
3
4 using namespace std;
5
6 int main()
7 {
8     string str;
9     size_t pos=0;
10    cout << "Enter string:" << endl;
11    getline(cin, str);
12    for (str.find(" "); pos != string::npos; pos = str.find(" ", pos+1))
13        if(pos!=0)
14            if (str.at(pos + 1) >= 'a' && str.at(pos + 1) <= 'z')
15                str.at(pos + 1) = str.at(pos + 1) - 32;
16    cout << "Result string:" << endl;
17    cout << str<<endl<<endl;
18    cout << "Thanks for watching!" << endl;
19    system("pause");
20    return 0;
21 }
```

Enter string:
gh gh GHh 89 h
Result string:
gh Gh GHh 89 H
Thanks for watching!
Для продолжения нажмите любую клавишу . . .

Python



The screenshot shows a Python program in a code editor on the left and its execution output in a terminal window on the right. The code takes a string, finds the first space, and capitalizes the following character if it is a lowercase letter. The terminal output shows the input string "hj h Gh hg6 66" being processed to "hj Hh Ggh Hhg6 666".

```
1 s = input("Enter string: ")
2 l = ""
3 print('Before: ', s)
4 for i in range(len(s)):
5     l += s[i]
6     if s[i] == " ":
7         l += s[i+1].upper()
8 print('After: ', l)
```

Enter string: hj h Gh hg6 66
Before: hj h Gh hg6 66
After: hj Hh Ggh Hhg6 666
> |