

**O‘ZBEKISTON RESPUBLIKASI AXBOROT TEXNOLOGIYALARI VA
KOMMUNIKATSIYALARINI RIVOJLANTIRISH VAZIRLIGI**

**MUHAMMAD AL-XORAZMIY NOMIDAGI TOSHKENT AXBOROT
TEXNOLOGIYALARI UNIVERSITETI**



Informatika asoslari kafedrası
Dasturlash Fani

10 - AMALIY ISH

Bajardi: Umarov Murodjon

Tekshirdi: Ishniyazov O.O.

Toshkent 2023

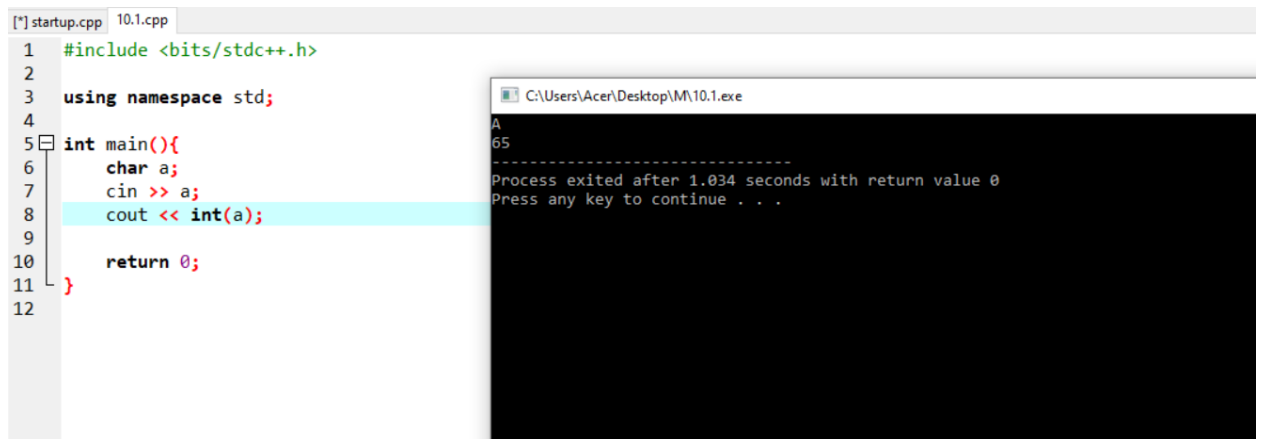
1-topshiriq
12.04.2003

18.	Berilgan belgini ASCII jadvalida joylashgan o'rinini topadigan dastur tuzing. (Masalan: A='A' Natija=>65).
-----	--

```
#include <bits/stdc++.h>
```

```
using namespace std;
```

```
int main(){  
    char a;  
    cin >> a;  
    cout << int(a);  
  
    return 0;  
}
```



The screenshot shows a C++ IDE with a file named '10.1.cpp'. The code is as follows:

```
1  #include <bits/stdc++.h>  
2  
3  using namespace std;  
4  
5  int main(){  
6      char a;  
7      cin >> a;  
8      cout << int(a);  
9  
10     return 0;  
11 }  
12
```

The output window shows the execution results:

```
C:\Users\Acer\Desktop\10.1.exe  
A  
65  
-----  
Process exited after 1.034 seconds with return value 0  
Press any key to continue . . .
```

2-topshiriq

18.	char turidagi satrdan Unli harflarni o'chiradigan va ushbu o'chirilgan harflardan S tarini tashkil qiladigan dastur tuzing.
-----	---

```
#include <bits/stdc++.h>
```

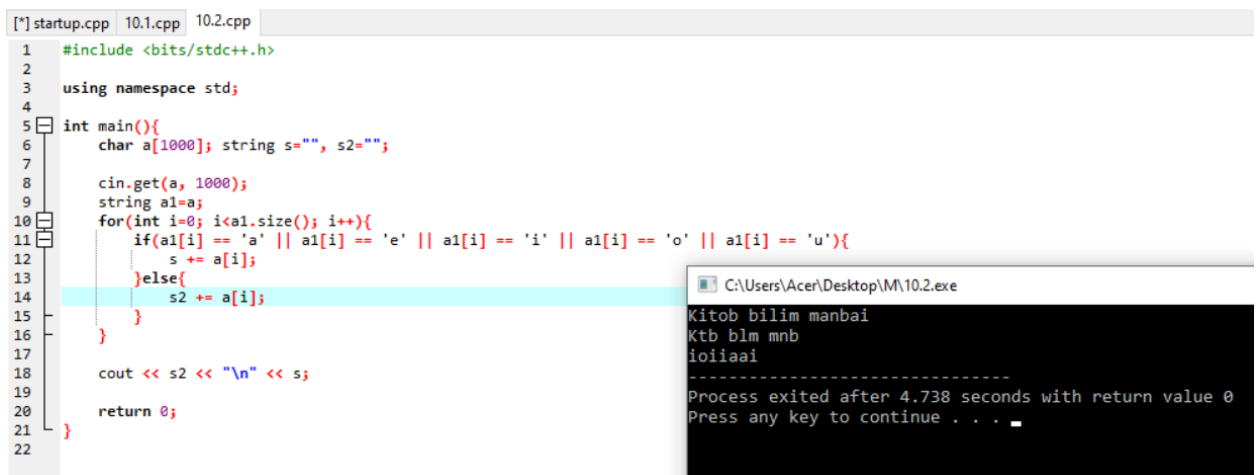
```
using namespace std;
```

```
int main(){
    char a[1000]; string s="", s2="";

    cin.get(a, 1000);
    string a1=a;
    for(int i=0; i<a1.size(); i++){
        if(a1[i] == 'a' || a1[i] == 'e' || a1[i] == 'i' || a1[i] == 'o' || a1[i] == 'u'){
            s += a[i];
        }else{
            s2 += a[i];
        }
    }

    cout << s2 << "\n" << s;

    return 0;
}
```



The screenshot shows a C++ IDE with a file explorer at the top displaying 'startup.cpp', '10.1.cpp', and '10.2.cpp'. The main code is in '10.2.cpp' and matches the code provided in the previous block. A light blue line highlights the line `s2 += a[i];` in the `else` block. To the right, a terminal window titled 'C:\Users\Acer\Desktop\M\10.2.exe' shows the program's output: 'Kitob bilim manbai' on the first line, 'Ktb blm mnb' on the second line, and 'ioiaai' on the third line. Below the output, a separator line is followed by the message 'Process exited after 4.738 seconds with return value 0' and 'Press any key to continue . . . '.

3-topshiriq

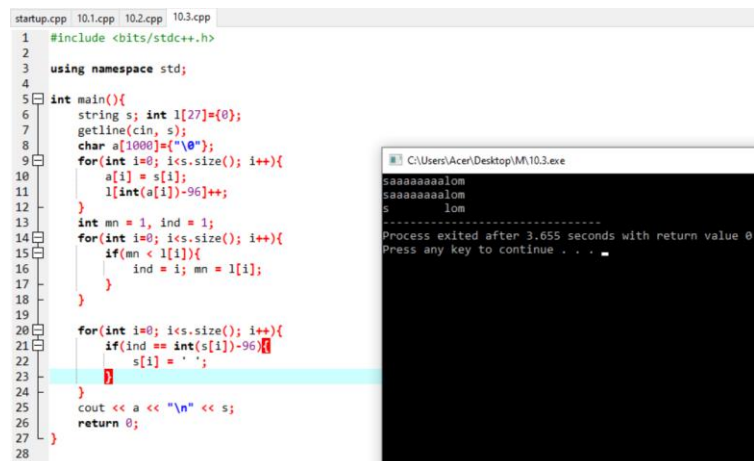
18	String turidagi Satr berilgan. Undagi elementlarni char turidagi A massivga joylashtirib, eng ko'p takrorlangan harflarni olib tashlovchi dastur tuzing.
----	--

```
#include <bits/stdc++.h>
```

```
using namespace std;
```

```
int main(){
    string s; int l[27]={0};
    getline(cin, s);
    char a[1000]={"\0"};
    for(int i=0; i<s.size(); i++){
        a[i] = s[i];
        l[int(a[i])-96]++;
    }
    int mn = 1, ind = 1;
    for(int i=0; i<s.size(); i++){
        if(mn < l[i]){
            ind = i; mn = l[i];
        }
    }

    for(int i=0; i<s.size(); i++){
        if(ind == int(s[i])-96){
            s[i] = ' ';
        }
    }
    cout << a << "\n" << s;
    return 0;
}
```



The screenshot shows a C++ IDE with a file named 10.3.cpp. The code is the same as the one provided in the previous blocks. The output window shows the execution results: 'saaaaaaaalom' followed by 'saaaaaaaalom' with spaces, and 's lom'. The process exited after 3.655 seconds with a return value of 0.

4-topshiriq

18	String turidagi A satrning har bir gapida nechta so'z borligini aniqlovchi dastur tuzing.
----	---

```
#include <bits/stdc++.h>
```

```
using namespace std;
```

```
int main(){  
    string s;  
    getline(cin, s);  
    int p = 1;  
    for(int i=0; i<s.length(); i++)  
        if(s[i] == ' ')  
            p ++;  
  
    cout << p;  
    return 0;  
}
```



The screenshot shows a C++ IDE with a file explorer at the top displaying 'startup.cpp', '10.1.cpp', '10.2.cpp', '10.3.cpp', and '10.4.cpp'. The main editor window shows the C++ code from the previous block. A light blue highlight is under the line 'int p = 1;'. To the right, a terminal window titled 'C:\Users\Acer\Desktop\M\10.4.exe' shows the program's output: 'salom~ bu gapda 7 ta so'z bor', followed by a separator line of dashes, and then 'Process exited after 8.962 seconds with return value 0' and 'Press any key to continue . . .'. The code in the editor is as follows:

```
1  #include <bits/stdc++.h>  
2  
3  using namespace std;  
4  
5  int main(){  
6      string s;  
7      getline(cin, s);  
8      int p = 1;  
9      for(int i=0; i<s.length(); i++)  
10         if(s[i] == ' ')  
11             p ++;  
12  
13     cout << p;  
14     return 0;  
15 }  
16
```

Github: <https://github.com/murodjon-umar0v/TUIT-DASTURLASH-MT>