

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

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



Informatika asoslari kafedrası
Dasturlash Fani

5 - AMALIY ISH

Bajardi: Umarov Murodjon

Tekshirdi: Ishniyazov O.O.

Toshkent 2023

1-topshiriq

12.04.2003

18.	<p>a) A va B sonlari berilgan, Swap va uchinchi o'zgaruvchiga murojaat qilmasdan shu ikki qiymat o'zaro almashadigan funksiya hosil qilinsin. Ushbu funksiya yordamida a va b, a1 va b1 qiymatlar almashtirilsin.</p> <p>b) Berilgan sonning raqamlar ko'paytmasini topuvchi funksiya hosil qiling. Ushbu funksiya yordamida a,b,c sonlarning raqamlar ko'paytmasi hisoblang.</p>
-----	---

a) masala

```
#include <iostream>
using namespace std;

void my_swap(int a, int b){
    a=a+b; b=a-b; a=a-b;
    cout << a << " " << b << "\n";
}

int main(){
    int a=1, b=4, a1=78, b1=23;
    my_swap(a, b); my_swap(a1, b1);
    return 0;
}
```

The screenshot shows a C++ IDE with a file named 5a.cpp. The code defines a `my_swap` function and a `main` function. The `main` function calls `my_swap` with two pairs of arguments. The output window shows the results of these calls: `4 1` and `23 78`. The process exited after 0.1165 seconds with a return value of 0.

```
1 #include <iostream>
2 using namespace std;
3
4 void my_swap(int a, int b){
5     a=a+b; b=a-b; a=a-b;
6     cout << a << " " << b << "\n";
7 }
8
9 int main(){
10     int a=1, b=4, a1=78, b1=23;
11     my_swap(a, b); my_swap(a1, b1);
12     return 0;
13 }
```

Output:

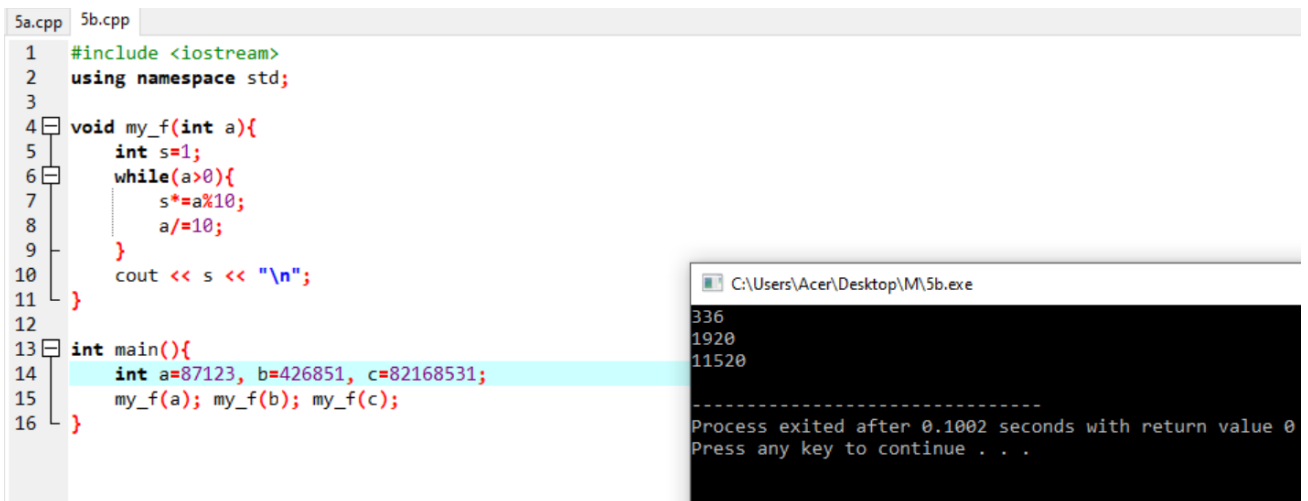
```
C:\Users\Acer\Desktop\M\5a.exe
4 1
23 78
-----
Process exited after 0.1165 seconds with return value 0
Press any key to continue . . .
```

b) masala

```
#include <iostream>
using namespace std;
```

```
void my_f(int a){
    int s=1;
    while(a>0){
        s*=a%10;
        a/=10;
    }
    cout << s << "\n";
}
```

```
int main(){
    int a=87123, b=426851, c=82168531;
    my_f(a); my_f(b); my_f(c);
}
```



```
5a.cpp 5b.cpp
1  #include <iostream>
2  using namespace std;
3
4  void my_f(int a){
5      int s=1;
6      while(a>0){
7          s*=a%10;
8          a/=10;
9      }
10     cout << s << "\n";
11 }
12
13 int main(){
14     int a=87123, b=426851, c=82168531;
15     my_f(a); my_f(b); my_f(c);
16 }
```

```
C:\Users\Acer\Desktop\M\5b.exe
336
1920
11520
-----
Process exited after 0.1002 seconds with return value 0
Press any key to continue . . .
```

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