

# Sp. project

```
size_t dst_idx = 0;
for (; (src_idx + 2) < length; src_idx += 3, dst_idx += 4)
{
    uint8_t s0 = data[src_idx];
    uint8_t s1 = data[src_idx + 1];
    uint8_t s2 = data[src_idx + 2];

    dst[dst_idx + 0] = charset[(s0 & 0xfc) >> 2];
    dst[dst_idx + 1] = charset[((s0 & 0x03) << 4) | ((s1 & 0xf0) >> 4)];
    dst[dst_idx + 2] = charset[((s1 & 0x0f) << 2) | (s2 & 0xc0) >> 6];
    dst[dst_idx + 3] = charset[(s2 & 0x3f)];
}

if (src_idx < length)
{
    uint8_t s0 = data[src_idx];
    uint8_t s1 = data[src_idx + 1];
}
```

**Bank recorded system**

**Team id: GEN\_23**

## Team members

Name	Id	Sec	Group
<b>Mrwan Alaa &gt; leader</b>	<b>20201700794</b>	24_B	2
<b>Ammar Mohamed</b>	20201700518	16_A	2
<b>Omar Fayez</b>	20201700543	18_A	2
<b>Mohamed Mahmoud</b>	20201700736	19_B	2
<b>Omar Ashraf</b>	20201700529	17_A	2

# In our bank program we have 10 functions

- **Login**
- **Register**
- **Add account**
- **Modify account**
- **Close account**
- **List all accounts**
- **Balance in account**
- **Withdraw**
- **Deposit**
- **Transfer**

# Screens from program

## Main panels

### First screen of program



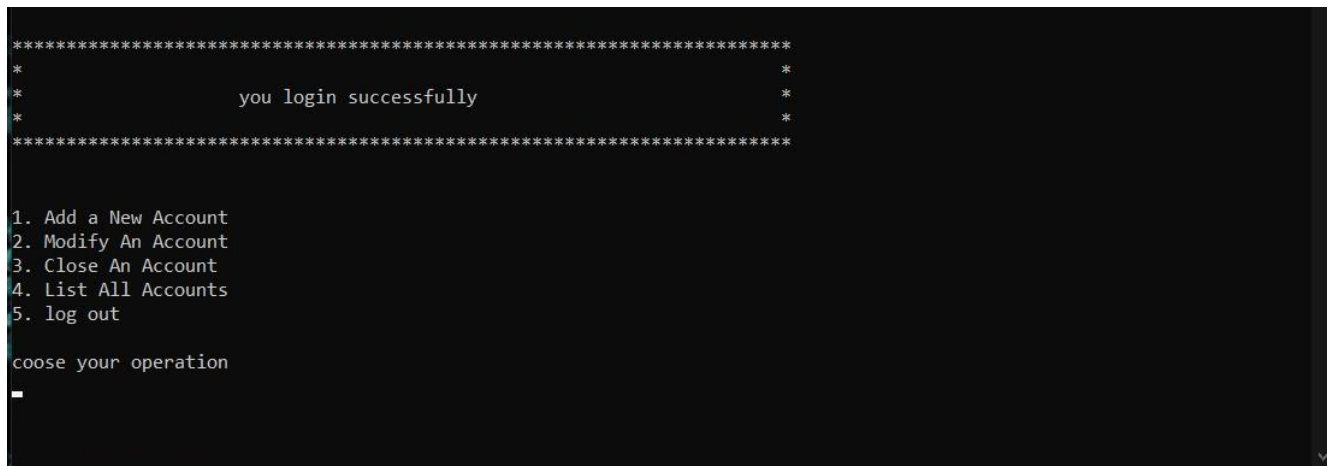
```

I:\college\level 1\second semester\structured programing\project\bank system project\Debug\bank system project.exe

*****
*                                     *
*      \  ^/  \  ^/  \  ^/  \  ^/  *
*      V  E  L  I  Q  A  V  E      *
*                                     *
*****

1. login
2. register
choose your operation
_
```

### Admin panel



```

*****
*                                     *
*      you login successfully      *
*                                     *
*****

1. Add a New Account
2. Modify An Account
3. Close An Account
4. List All Accounts
5. log out

choose your operation
_
```

# Clint panel

```
I:\college\level 1\second semester\structured programing\project\bank system project\Debug\bank system project.exe
login
register
choose your operation

Enter the user name

Enter the password

*****
                        *
you login successfully  *
```

## Modifying section

### Modifying clint – panel

```
I:\college\level 1\second semester\structured programing\project\bank system project\Debug\bank system project.exe
choose your operation
2
Enter the account name that you want to modify
omar
-----
this account is a clint account
-----
options
1- modify user name
2- modify password
3- modify balance
choose your operation: _
```

### Modifying admin – panel

```
I:\college\level 1\second semester\structured programing\project\bank system project\Debug\bank system project.exe
choose your operation
2
Enter the account name that you want to modify
mrwan
-----
this account is an admin account
-----
options
1- modify user name
2- modify password
choose your operation:
```