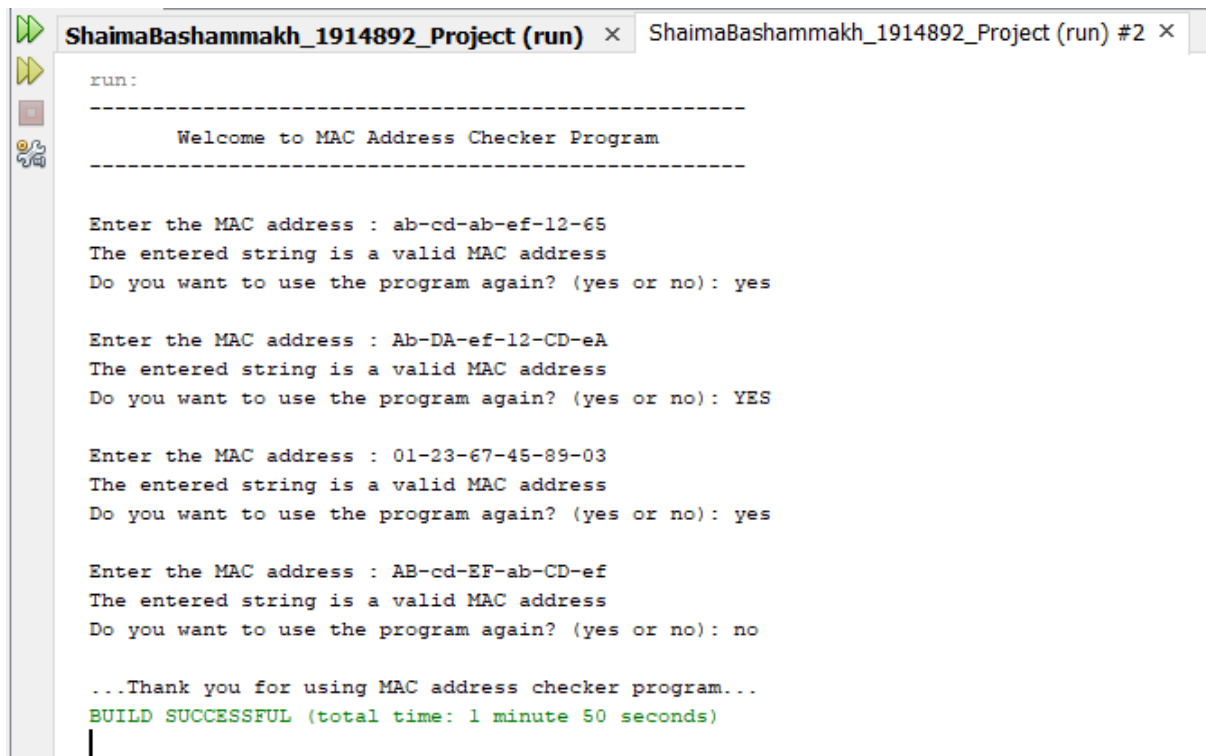


1- Screenshots of Client Program

First client: Valid cases:



```
ShaimaBashammakh_1914892_Project (run) × ShaimaBashammakh_1914892_Project (run) #2 ×
run:
-----
      Welcome to MAC Address Checker Program
-----

Enter the MAC address : ab-cd-ab-ef-12-65
The entered string is a valid MAC address
Do you want to use the program again? (yes or no): yes

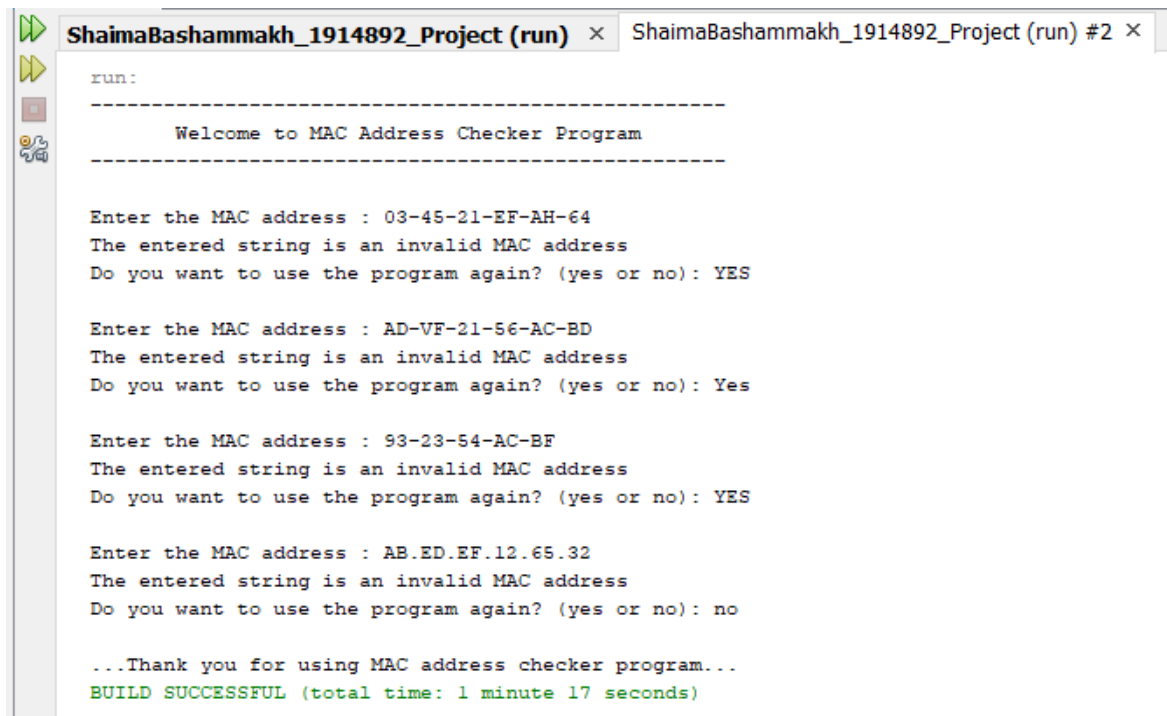
Enter the MAC address : Ab-DA-ef-12-CD-eA
The entered string is a valid MAC address
Do you want to use the program again? (yes or no): YES

Enter the MAC address : 01-23-67-45-89-03
The entered string is a valid MAC address
Do you want to use the program again? (yes or no): yes

Enter the MAC address : AB-cd-EF-ab-CD-ef
The entered string is a valid MAC address
Do you want to use the program again? (yes or no): no

...Thank you for using MAC address checker program...
BUILD SUCCESSFUL (total time: 1 minute 50 seconds)
|
```

Second client: Invalid cases:



```
ShaimaBashammakh_1914892_Project (run) × ShaimaBashammakh_1914892_Project (run) #2 ×
run:
-----
      Welcome to MAC Address Checker Program
-----

Enter the MAC address : 03-45-21-EF-AH-64
The entered string is an invalid MAC address
Do you want to use the program again? (yes or no): YES

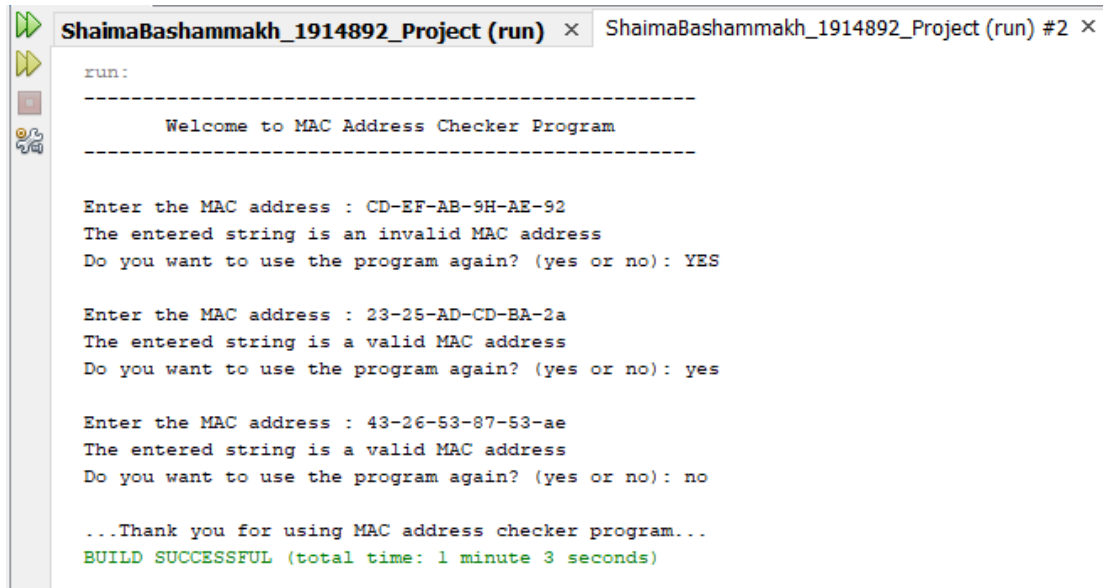
Enter the MAC address : AD-VF-21-56-AC-BD
The entered string is an invalid MAC address
Do you want to use the program again? (yes or no): Yes

Enter the MAC address : 93-23-54-AC-BF
The entered string is an invalid MAC address
Do you want to use the program again? (yes or no): YES

Enter the MAC address : AB.ED.EF.12.65.32
The entered string is an invalid MAC address
Do you want to use the program again? (yes or no): no

...Thank you for using MAC address checker program...
BUILD SUCCESSFUL (total time: 1 minute 17 seconds)
```

Third client: Valid and invalid cases:



```
run:
-----
      Welcome to MAC Address Checker Program
-----

Enter the MAC address : CD-EF-AB-9H-AE-92
The entered string is an invalid MAC address
Do you want to use the program again? (yes or no): YES

Enter the MAC address : 23-25-AD-CD-BA-2a
The entered string is a valid MAC address
Do you want to use the program again? (yes or no): yes

Enter the MAC address : 43-26-53-87-53-ae
The entered string is a valid MAC address
Do you want to use the program again? (yes or no): no

...Thank you for using MAC address checker program...
BUILD SUCCESSFUL (total time: 1 minute 3 seconds)
```

2- Screenshots of Server Program



```
run:
-----
TCP Connection is Accepted, Client Connected to the Server
-----

Request number :1
Client's request messagae that is recieved : ab-cd-ab-ef-12-65

Request number :2
Client's request messagae that is recieved : Ab-DA-ef-12-CD-eA

Request number :3
Client's request messagae that is recieved : 01-23-67-45-89-03

Request number :4
Client's request messagae that is recieved : AB-cd-EF-ab-CD-ef

-----
TCP Connection is Accepted, Client Connected to the Server
-----

Request number :1
Client's request messagae that is recieved : 03-45-21-EF-AH-64

Request number :2
Client's request messagae that is recieved : AD-VF-21-56-AC-BD

Request number :3
Client's request messagae that is recieved : 93-23-54-AC-BF

Request number :4
Client's request messagae that is recieved : AB.ED.EF.12.65.32

-----
TCP Connection is Accepted, Client Connected to the Server
-----

Request number :1
Client's request messagae that is recieved : CD-EF-AB-9H-AE-92

Request number :2
Client's request messagae that is recieved : 23-25-AD-CD-BA-2a

Request number :3
Client's request messagae that is recieved : 43-26-53-87-53-ae
```

This server's output for the first client of valid cases:

```
ShaimaBashammakh_1914892_Project (run) × ShaimaBashammakh_1914892_Project (run) #2 ×
run:
-----
TCP Connection is Accepted, Client Connected to the Server
-----

Request number :1
Client's request messagae that is recieved : ab-cd-ab-ef-12-65

Request number :2
Client's request messagae that is recieved : Ab-DA-ef-12-CD-eA

Request number :3
Client's request messagae that is recieved : 01-23-67-45-89-03

Request number :4
Client's request messagae that is recieved : AB-cd-EF-ab-CD-ef
```

This server's output for the second client of invalid cases:

```
-----
TCP Connection is Accepted, Client Connected to the Server
-----

Request number :1
Client's request messagae that is recieved : 03-45-21-EF-AH-64

Request number :2
Client's request messagae that is recieved : AD-VF-21-56-AC-BD

Request number :3
Client's request messagae that is recieved : 93-23-54-AC-BF

Request number :4
Client's request messagae that is recieved : AB.ED.EF.12.65.32
```

This server's output for the third client of valid and invalid cases:

```
-----
TCP Connection is Accepted, Client Connected to the Server
-----

Request number :1
Client's request messagae that is recieved : CD-EF-AB-9H-AE-92

Request number :2
Client's request messagae that is recieved : 23-25-AD-CD-BA-2a

Request number :3
Client's request messagae that is recieved : 43-26-53-87-53-ae
```