

```
karan@bajaj:~/sprint2/project_latest_priyam/project$ valgrind --leak-check=full ./main
```

```
==7655== Memcheck, a memory error detector
==7655== Copyright (C) 2002-2017, and GNU GPL'd, by Julian Seward et al.
==7655== Using Valgrind-3.15.0 and LibVEX; rerun with -h for copyright info
==7655== Command: ./main
```

```
==7655==
constructor is called
constructor is called
constructor is called
constructor is called
constructor is called
```

```
-----
Welcome to the Automatic Image Updater
```

```
-----
1. enter the no of devices and device details
2. updation of image files in device
3. updation of image files in device from command line
4. display device details
5. Quit
```

```
-----
Enter your choice
```

```
1
```

```
No. of device in the system - 0
```

```
Enter no of devices you want:-
```

```
You can add upto 5 devices
```

```
1
```

```
Enter the Unique 6 Digit alphanumeric Id for 1 device
```

```
123456
```

```
Enter the Unique 6 Digit alphanumeric Id for 1 device
```

```
123456
```

```
enter Unique Device specific 16 Digit number
```

```
1234567890123456
```

```
enter device name
```

```
dell
```

```
enter checksum
```

```
1
```

```
enter the data
```

```
dell laptop
```

```
dell laptop
```

```
-----
1. enter the no of devices and device details
2. updation of image files in device
3. updation of image files in device from command line
4. display device details
5. Quit
```

```
-----
Enter your choice
```

```
4
```

```
deviceId is 123456
```

```
MagicNumber is 1234567890123456
```

```
device name is dell
```

```
device data is dell laptop
```

```
device updated data is
```

```
-----
1. enter the no of devices and device details
2. updation of image files in device
3. updation of image files in device from command line
4. display device details
```

```
5. Quit
```

```
-----
Enter your choice
```

```
2
```

```
Please enter 1 filename
```

```
Enter 0 for main menu
```

```
config.txt
```

```
Device number 123456 is related with this config.txt
```

```
welcome to capgemini....
```

```
-----
Please enter 2 filename
```

```
Enter 0 for main menu
```

```
config.txt
```

```
Device is already updated and this config.txt is duplicate
```

```
-----
Please enter 3 filename
```

```
Enter 0 for main menu
```

```
0
```

```
-----
1. enter the no of devices and device details
2. updation of image files in device
3. updation of image files in device from command line
4. display device details
5. Quit
```

```
-----
Enter your choice
```

```
1
```

```
No. of device in the system - 1
```

```
Enter no of devices you want:-
```

```
You can add upto 5 devices
```

```
2
```

```
Enter the Unique 6 Digit alphanumeric Id for 2 device
```

```
karan@bajaj: ~/sprint2/project_latest_priyam/project
Enter the Unique 6 Digit alphanumeric Id for 2 device
134567
enter Unique Device specific 16 Digit number
9876543210123456
enter device name
lenovo
enter checksum
2
enter the data
hello lenovo
hello lenovo
-----
Enter the Unique 6 Digit alphanumeric Id for 3 device
145678
enter Unique Device specific 16 Digit number
1098765432110123
enter device name
apple
enter checksum
3
enter the data
hello apple
hello apple
-----
1. enter the no of devices and device details
2. updation of image files in device
3. updation of image files in device from command line
4. display device details
5. Quit
-----
Enter your choice
```

```
karan@bajaj: ~/sprint2/project_latest_priyam/project
Enter your choice
4
deviceId is 123456
MagicNumber is 1234567890123456
device name is dell
device data is dell laptop
device updated data is welcome to capgemini....

deviceId is 134567
MagicNumber is 9876543210123456
device name is lenovo
device data is hello lenovo
device updated data is

deviceId is 145678
MagicNumber is 1098765432110123
device name is apple
device data is hello apple
device updated data is

-----
1. enter the no of devices and device details
2. updation of image files in device
3. updation of image files in device from command line
4. display device details
5. Quit
-----
Enter your choice
2
Please enter 1 filename
Enter 0 for main menu
```

```
karan@bajaj: ~/sprint2/project_latest_priyam/project
2
Please enter 1 filename
Enter 0 for main menu
config3.txt
Device number 145678 is related with this config3.txt
welcome to gurgaon.....
-----
Please enter 2 filename
Enter 0 for main menu
config2.txt
Device number 134567 is related with this config2.txt
welcome to India.....
-----
Please enter 3 filename
Enter 0 for main menu
0
1. enter the no of devices and device details
2. updation of image files in device
3. updation of image files in device from command line
4. display device details
5. Quit
-----
Enter your choice
1
No. of device in the system - 3
Enter no of devices you want:-
You can add upto 5 devices
1
Enter the Unique 6 Digit alphanumeric Id for 4 device
123456
enter Unique Device specific 16 Digit number

karan@bajaj: ~/sprint2/project_latest_priyam/project
enter Unique Device specific 16 Digit number
1234567891234567
enter device name
hp
enter checksum
4
enter the data
hellp hp
hellp hp
-----
1. enter the no of devices and device details
2. updation of image files in device
3. updation of image files in device from command line
4. display device details
5. Quit
-----
Enter your choice
2
Please enter 1 filename
Enter 0 for main menu
config5.txt
file does not exists
Please enter 2 filename
Enter 0 for main menu
config3.txt
Device is already updated and this config3.txt is duplicate
-----
Please enter 3 filename
Enter 0 for main menu
0
1. enter the no of devices and device details
```

```
karan@bajaj: ~/sprint2/project_latest_priyam/project
-----
Please enter 3 filename
Enter 0 for main menu
0
1. enter the no of devices and device details
2. updation of image files in device
3. updation of image files in device from command line
4. display device details
5. Quit
-----
Enter your choice
4
deviceId is 123456
MagicNumber is 1234567890123456
device name is dell
device data is dell laptop
device updated data is welcome to capgemini....

deviceId is 134567
MagicNumber is 9876543210123456
device name is lenovo
device data is hello lenovo
device updated data is welcome to India.....

deviceId is 145678
MagicNumber is 1098765432110123
device name is apple
device data is hello apple
device updated data is welcome to gurgaon.....

deviceId is 123456
```

```
karan@bajaj: ~/sprint2/project_latest_priyam/project

deviceId is 123456
MagicNumber is 1234567891234567
device name is hp
device data is hellp hp
device updated data is

-----
1. enter the no of devices and device details
2. updation of image files in device
3. updation of image files in device from command line
4. display device details
5. Quit
-----
Enter your choice
5
-----
destructor is called
destructor is called
destructor is called
destructor is called
destructor is called
==7655==
==7655== HEAP SUMMARY:
==7655==   in use at exit: 0 bytes in 0 blocks
==7655== total heap usage: 215 allocs, 215 frees, 256,820 bytes allocated
==7655==
==7655== All heap blocks were freed -- no leaks are possible
==7655==
==7655== For lists of detected and suppressed errors, rerun with: -s
==7655== ERROR SUMMARY: 0 errors from 0 contexts (suppressed: 0 from 0)
```

```
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==7655== HEAP SUMMARY:
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```