Practical No 1

Aim : Execute the Disk Operating System (DOS) commands.

Apparatus :

A Laptop with Windows 11 operating system and user mode privileges.
Access to command Prompt.

Theory :

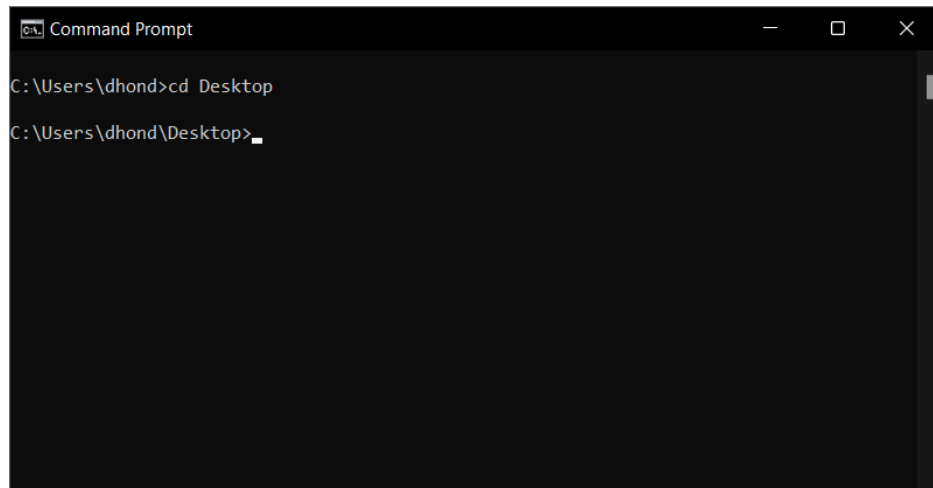### What is Disk Operating System?

A disk operating system (DOS), is an operating system that runs from a disk drive. The term can also refer to a particular family of disk operating systems, most commonly MS-DOS, an acronym for Microsoft DOS.

What are the various MS-DOS commands?

1. **cd – cd**(Change directory), it is a command used to change the current directory in MS-DOS
2. **dir – dir**(Directory)**,** it is a command used to view the files in present working directory.
3. **cls – cls**(Clear Screen)**,** it is a command used to clear the screen of the command prompt.
4. **color –** it is a command used to change the color of the command prompt
5. **date -** it is a command used to show/ set date(Requires Administrator Privilages).
6. **time -** it is a command used to show/ set time(Requires Administrator Privilages).
7. **echo -** it is a command used to output text to Command Prompt
8. **hostname -** it is a command used to display the host name of the computer system
9. **mkdir -** it is a command used to create a directory
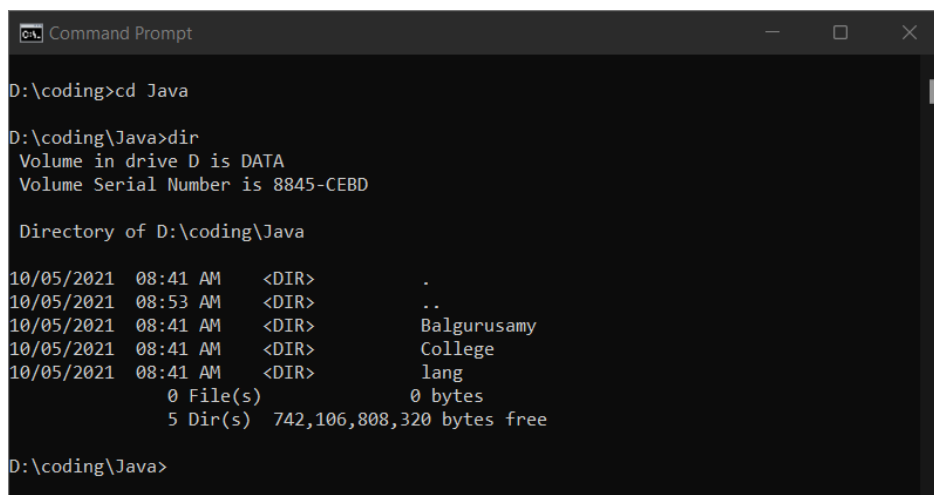10. **rmdir -** it is a command used to remove an empty directory

Output :

1. **cd –**


```
Command Prompt                                              —    □    ×

C:\Users\dhond>cd Desktop

C:\Users\dhond\Desktop>_
```

2. **dir –**
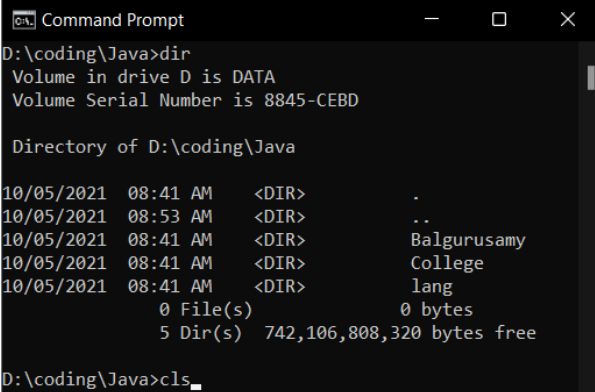


```
Command Prompt                                              —    □    ×

D:\coding>cd Java

D:\coding\Java>dir
 Volume in drive D is DATA
 Volume Serial Number is 8845-CEBD

 Directory of D:\coding\Java

10/05/2021  08:41 AM    <DIR>          .
10/05/2021  08:53 AM    <DIR>          ..
10/05/2021  08:41 AM    <DIR>          Balgurusamy
10/05/2021  08:41 AM    <DIR>          College
10/05/2021  08:41 AM    <DIR>          lang
               0 File(s)              0 bytes
               5 Dir(s)  742,106,808,320 bytes free

D:\coding\Java>
```
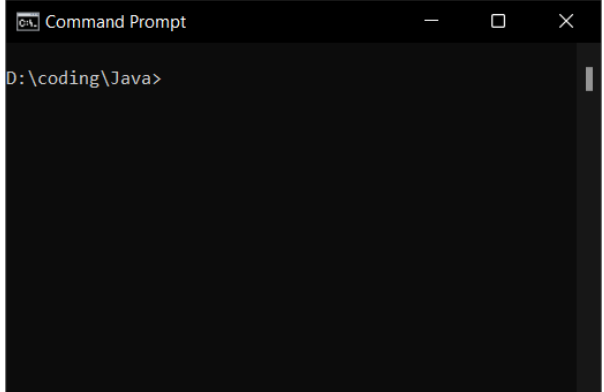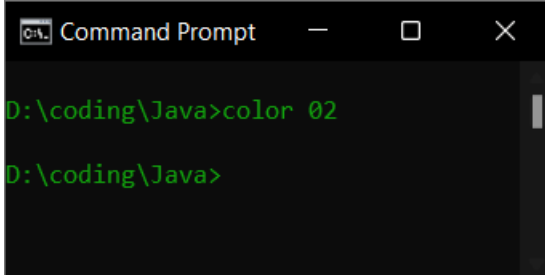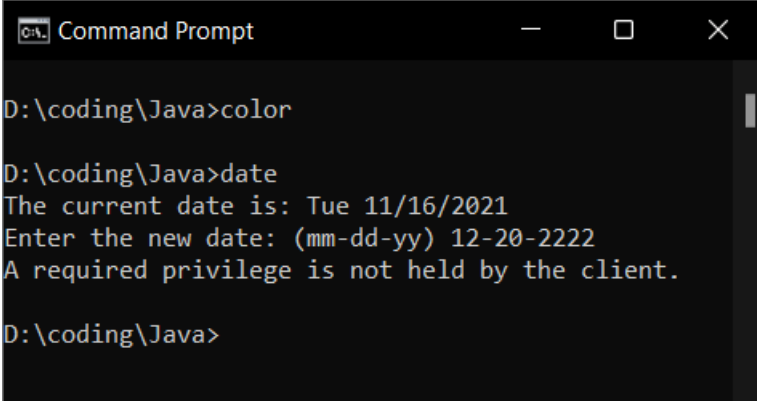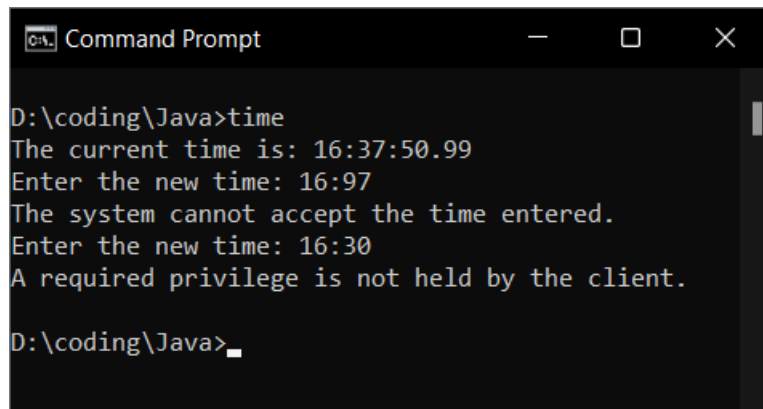
3. cls –

4. color –

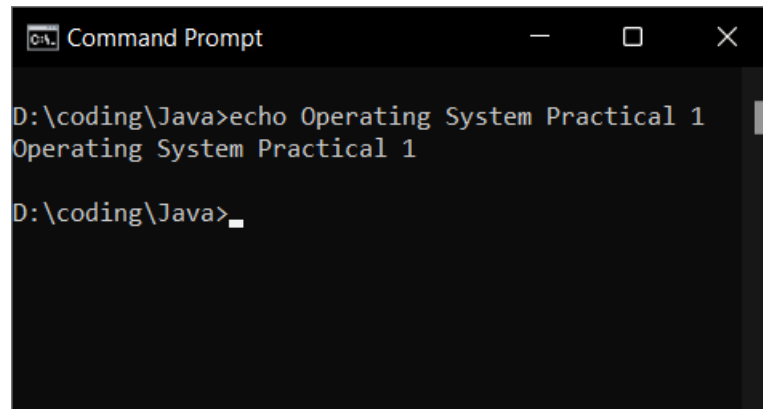### 5. date –

6. **time –**

```
Command Prompt                          —    □    ×

D:\coding\Java>time
The current time is: 16:37:50.99
Enter the new time: 16:97
The system cannot accept the time entered.
Enter the new time: 16:30
A required privilege is not held by the client.

D:\coding\Java>_
```
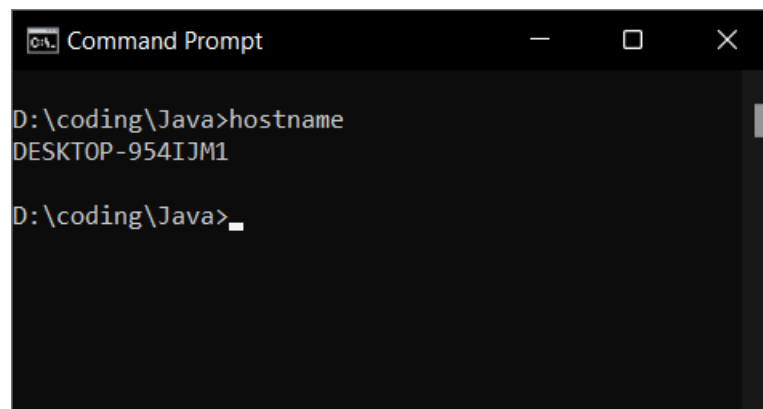
7. **echo –**

```
Command Prompt                          —    □    ×

D:\coding\Java>echo Operating System Practical 1
Operating System Practical 1

D:\coding\Java>_
```

8. **hostname –**

```
Command Prompt                          —    □    ×

D:\coding\Java>hostname
DESKTOP-954IJM1

D:\coding\Java>_
```
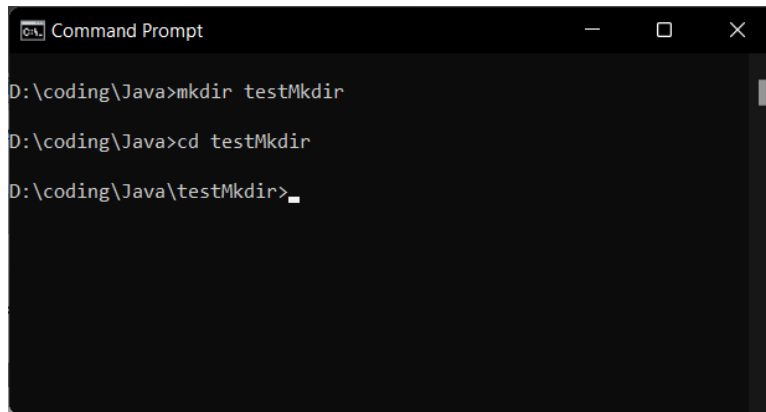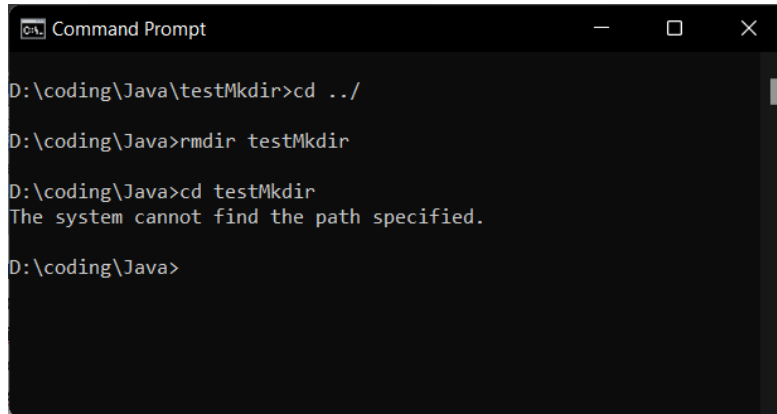
9. **mkdir –**

```
Command Prompt                              —    □    ×

D:\coding\Java>mkdir testMkdir

D:\coding\Java>cd testMkdir

D:\coding\Java\testMkdir>_
```

10. **rmdir –**

```
Command Prompt                              —    □    ×

D:\coding\Java\testMkdir>cd ../

D:\coding\Java>rmdir testMkdir

D:\coding\Java>cd testMkdir
The system cannot find the path specified.

D:\coding\Java>
```

Conclusion:

Hence, by performing this practical I got to know about the concept of Disk-operating system, MS-DOS, and various commands of the disk operating system. I also executed few commands of the Disk operating system.