

**1st october 2024**

**vi demo.sh :**

vi demo.sh opens the demo.sh file in the vi editor. You can press i to start editing, and use Esc to exit insert mode. To save and exit, type :wq. Use :q! to quit without saving.

**cat demo.sh:**

It is used to display the contents of the specified file name.

Shows the output as:

```
#!/bin/bash
```

```
#Script Name
```

```
echo "Script Name: $0"
```

```
#Number of Arguments
```

```
echo "Number of Arguments: $#"
```

```
#Individual Arguments
```

```
echo "First Argument: $1"
```

```
echo "Second Argument: $2"
```

```
echo "Third Argument: $3"
```

**chmod +x demo.sh :**

Gives the execute permission to the specified file name

**./demo.sh Hi Hello Bye :**

Running ./demo.sh Hi Hello Bye executes the script with "Hi", "Hello", and "Bye" as arguments. Inside the script, \$1 is "Hi", \$2 is "Hello", and \$3 is "Bye".

Shows the output as:

Script Name: ./demo.sh

Number of Arguments: 3

First Argument : Hi

Second Argument: Hello

Third Argument: Bye

### **vi myfun.sh**

Running vi myfun.sh opens the myfun.sh script in the vi editor. Press i to start editing, and use :wq to save and quit after editing.

### **cat myfun.sh**

```
#!/bin/bash
```

```
#Defining a function named greetuser()
```

```
greetuser()
```

```
{
```

```
    echo "Hi $1!, Welcome!!"
```

```
}
```

```
greetuser "Rachana"
```

### **chmod +x myfun.sh**

Gives the execute permission to the specified file name

### **./myfun.sh**

This command is used to execute the function ie myfun()

Shows the output as:

Hi Dhanshree! Welcome!!

## **Global Variables:**

These are the variables which are declared outside the function body.

### **vi globalvariable.sh**

The vi command is a text editor for Unix/Linux. You can open a file with vi filename, use i to enter insert mode and edit, and press Esc to return to command mode. To save and quit, use :wq, or :q! to quit without saving. It's widely used for quick text editing in the terminal.

### **cat globalvariable.sh**

It is used to display the contents of the specified file name.

Shows the output as:

```
#!/bin/bash
#Declaring global variables
g_var1="Dhanshree"
g_var2="Gabhane"myfunction()
{
    echo "Inside the function"
    echo "Hi $g_var1 $g_var2, Welcome!!"
}
myfunction
```

### **chmod +x globalvariable.sh**

Gives the execute permission

## **./globalvariable.sh**

It is used to run the script.

Shows the output as:

Inside the function

Hi Dhanshree Gabhane Welcome!!

DOS Commands:

```
C:\Windows\System32>net user Aishwarya aishu /add
The command completed successfully.
```

```
C:\Windows\System32>net user
```

User accounts for \\RACHANA

Administrator	Aishwarya	DefaultAccount
Guest	lavan	WDAGUtilityAccount

The command completed successfully.

```
C:\Windows\System32>net user Aishwarya
User name           Aishwarya
Full Name
Comment
User's comment
Country/region code  000 (System Default)
Account active       Yes
Account expires      Never

Password last set    01-10-2024 23:44:20
Password expires     12-11-2024 23:44:20
Password changeable  01-10-2024 23:44:20
Password required    Yes
User may change password Yes

Workstations allowed All
Logon script
User profile
Home directory
Last logon           Never

Logon hours allowed  All
```

```
C:\Windows\System32>net localgroup /add Sales
The command completed successfully.
```

```
C:\Windows\System32>net localgroup /add Cloud
The command completed successfully.
```

```
C:\Windows\System32>net localgroup Cloud
Alias name      Cloud
Comment
```

```
Members
```

```
-----
The command completed successfully.
```

```
C:\Windows\System32>net localgroups
The syntax of this command is:
```

```
NET
```

```
[ ACCOUNTS | COMPUTER | CONFIG | CONTINUE | FILE | GROUP | HELP |
  HELPMMSG | LOCALGROUP | PAUSE | SESSION | SHARE | START |
  STATISTICS | STOP | TIME | USE | USER | VIEW ]
```

```
C:\Windows\System32>net localgroup
```

```
Aliases for \\RACHANA
```

```
-----
*Administrators
*Cloud
*Device Owners
*Distributed COM Users
*Event Log Readers
*Guests
*Hyper-V Administrators
*IIS IUSRS
```

```
C:\Windows\System32>D:
```

```
D:\>md First
```

```
D:\>dir First
```

```
Volume in drive D is New Volume  
Volume Serial Number is D254-B988
```

```
Directory of D:\First
```

```
01-10-2024  23:47    <DIR>          .  
               0 File(s)                0 bytes  
               1 Dir(s)  242,852,429,824 bytes free
```

```
D:\>md Second
```

```
D:\>dir Second
```

```
Volume in drive D is New Volume  
Volume Serial Number is D254-B988
```

```
Directory of D:\Second
```

```
01-10-2024  23:47    <DIR>          .  
               0 File(s)                0 bytes  
               1 Dir(s)  242,852,429,824 bytes free
```

```
D:\>copy con first.txt
```

```
Hello, this is my first text file  
1 file(s) copied.
```

```
D:\>dir first.txt
```

```
Volume in drive D is New Volume  
Volume Serial Number is D254-B988
```

```
Directory of D:\
```

```
01-10-2024  23:48                35 first.txt  
               1 File(s)                35 bytes  
               0 Dir(s)  242,852,429,824 bytes free
```

```

C:\Windows\System32>D:

D:\>type demo.txt
This is my first text file

D:\>cd Demo

D:\Demo>dir
Volume in drive D is New Volume
Volume Serial Number is D254-B988

Directory of D:\Demo

01-10-2024  16:54    <DIR>          .
               0 File(s)              0 bytes
               1 Dir(s)  242,849,538,048 bytes free

D:\Demo>copy con demo.txt
This is the file of Demo directory
1 file(s) copied.

D:\Demo>dir
Volume in drive D is New Volume
Volume Serial Number is D254-B988

Directory of D:\Demo

01-10-2024  19:13    <DIR>          .
01-10-2024  19:13                36 demo.txt
               1 File(s)              36 bytes
               1 Dir(s)  242,849,538,048 bytes free

D:\Demo>dir/p
Volume in drive D is New Volume
Volume Serial Number is D254-B988

Directory of D:\Demo

01-10-2024  19:13    <DIR>          .
01-10-2024  19:13                36 demo.txt

```

```

D:\Demo>cd ..

D:\>dir/p
Volume in drive D is New Volume
Volume Serial Number is D254-B988

Directory of D:\

27-09-2024  20:02                82,042 1.png
01-10-2024  17:02                2,319 1.txt
01-10-2024  13:16               15,180 1_10_24.docx
27-09-2024  20:03               30,131 2.png
01-10-2024  17:02                984 2.txt
28-08-2024  09:39    <DIR>          Audios
02-09-2024  16:21    <DIR>          AWS
20-08-2024  22:23    <DIR>          AWS Tasks
01-10-2024  16:54    <DIR>          Backup
01-05-2024  14:36    <DIR>          Camera
24-09-2024  15:23    <DIR>          centos
25-09-2024  12:19                635 completed.txt
20-09-2024  10:53               1,450 covered so far.txt
01-10-2024  19:13    <DIR>          Demo
01-10-2024  16:55                28 demo.txt
27-09-2024  11:17    <DIR>          fiel server
27-09-2024  11:38               2,487,074 file server.docx
27-09-2024  11:38               773,860 file server.pdf
15-08-2024  13:50    <DIR>          food-delivery
27-09-2024  19:16               3,482,384 FTP and FTP Server.docx
27-09-2024  19:16               1,612,428 FTP and FTP Server.pdf
24-09-2024  11:03               466,841,589 Hosting Webpage.mp4
27-09-2024  18:33    <DIR>          Lavanya's data
30-03-2024  19:13    <DIR>          Layout
30-03-2024  19:10    <DIR>          Maa
19-09-2024  16:48    <DIR>          Materials
30-04-2024  10:25    <DIR>          Mom dad anniversary
15-08-2024  21:28    <DIR>          OnlineFood-PHP
01-10-2024  00:35                430 P2_Project_Overview.txt
25-09-2024  18:55    <DIR>          Pics
24-08-2024  12:34               25,700 Rachana Mangalanam.docx

```