

```
(base) bernayilmaz@MacBookPro ~ % cd Desktop
```

#### QUESTION 1)

```
(base) bernayilmaz@MacBookPro Desktop % mkdir linux_basic
```

```
(base) bernayilmaz@MacBookPro Desktop % cd linux_basic
```

#### QUESTION 2)

```
(base) bernayilmaz@MacBookPro linux_basic % mkdir mlops
```

```
(base) bernayilmaz@MacBookPro linux_basic % cd mlops
```

```
(base) bernayilmaz@MacBookPro mlops % wget https://  
raw.githubusercontent.com/erkansirin78/datasets/master/  
Churn_Modelling.csv
```

```
--2025-01-25 12:52:36-- https://raw.githubusercontent.com/  
erkansirin78/datasets/master/Churn_Modelling.csv  
Resolving raw.githubusercontent.com (raw.githubusercontent.com)...  
185.199.110.133, 185.199.109.133, 185.199.111.133, ...  
Connecting to raw.githubusercontent.com (raw.githubusercontent.com)|  
185.199.110.133|:443... connected.  
HTTP request sent, awaiting response... 200 OK  
Length: 674856 (659K) [text/plain]  
Saving to: 'Churn_Modelling.csv'
```

```
Churn_Modelling.csv          100%  
[=====>] 659,04K  2,60MB/s  
in 0,2s
```

```
2025-01-25 12:52:37 (2,60 MB/s) - 'Churn_Modelling.csv' saved  
[674856/674856]
```

#### QUESTION 3)

```
(base) bernayilmaz@MacBookPro mlops % ls /etc/*.conf
```

```
/etc/asl.conf          /etc/nfs.conf          /etc/resolv.conf  
/etc/autofs.conf       /etc/notify.conf       /etc/rtdvd.conf  
/etc/kern_loader.conf  /etc/ntp.conf          /etc/syslog.conf  
/etc/man.conf          /etc/ntp_opendirectory.conf  
/etc/newsyslog.conf    /etc/pf.conf  
(base) bernayilmaz@MacBookPro mlops % find /etc -maxdepth 1 -type f  
-name "*.conf"
```

#### QUESTION 4)

```
(base) bernayilmaz@MacBookPro mlops % echo "Hello! MLOps Bootcamp  
has started." > mlops.txt
```

```
(base) bernayilmaz@MacBookPro mlops % cat mlops.txt
```

Hello! MLOps Bootcamp has started.

#### QUESTION 5)

```
(base) bernayilmaz@MacBookPro mlops % mkdir yellow
```

```
(base) bernayilmaz@MacBookPro mlops % cd yellow
```

```
(base) bernayilmaz@MacBookPro yellow % touch red.txt blue.txt
```

```
(base) bernayilmaz@MacBookPro yellow % echo "My Name is Red" >  
red.txt
```

```
(base) bernayilmaz@MacBookPro yellow % echo "My Name is Blue" >  
blue.txt
```

```
(base) bernayilmaz@MacBookPro yellow % cat red.txt >> blue.txt
```

```
(base) bernayilmaz@MacBookPro yellow % cat blue.txt >> red.txt
```

```
(base) bernayilmaz@MacBookPro yellow % cp red.txt ../red_copied.txt
```

```
(base) bernayilmaz@MacBookPro yellow % cp blue.txt ../
```

```
blue_copied.txt
```

```
(base) bernayilmaz@MacBookPro yellow % brew install tree
```

#### **==> Auto-updating Homebrew...**

Adjust how often this is run with HOMEBREW\_AUTO\_UPDATE\_SECS or  
disable with  
HOMEBREW\_NO\_AUTO\_UPDATE. Hide these hints with HOMEBREW\_NO\_ENV\_HINTS  
(see `man brew`).

#### **==> Auto-updated Homebrew!**

#### **==> Updated Homebrew from 55475cb11a to 3ebcbbb6b8.**

Updated 2 taps (homebrew/core and homebrew/cask).

#### **==> New Formulae**

acme.sh

#### **==> New Casks**

flowvision

jottacloud

valhalla-supermassive

You have **79** outdated formulae and **1** outdated cask installed.

**Warning:** tree 2.2.1 is already installed and up-to-date.

To reinstall 2.2.1, run:

```
brew reinstall tree
```

```
(base) bernayilmaz@MacBookPro yellow % tree yellow
```

yellow [error opening dir]

```

0 directories, 0 files
(base) bernayilmaz@MacBookPro yellow % ls
blue.txt red.txt
(base) bernayilmaz@MacBookPro yellow % tree
.
├── blue.txt
└── red.txt

1 directory, 2 files

```

## QUESTION 6)

```

(base) bernayilmaz@MacBookPro yellow % cd ..
(base) bernayilmaz@MacBookPro mlops % mkdir -p ~/datasets

(base) bernayilmaz@MacBookPro mlops % wget -O ~/datasets/Wine.csv
https://raw.githubusercontent.com/erkansirin78/datasets/master/
Wine.csv

--2025-01-25 13:01:15-- https://raw.githubusercontent.com/
erkansirin78/datasets/master/Wine.csv
Resolving raw.githubusercontent.com (raw.githubusercontent.com)...
185.199.109.133, 185.199.111.133, 185.199.108.133, ...
Connecting to raw.githubusercontent.com (raw.githubusercontent.com)|
185.199.109.133|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 11284 (11K) [text/plain]
Saving to: '/Users/bernayilmaz/datasets/Wine.csv'

/Users/bernayilmaz/datasets 100%
[=====>] 11,02K --.-KB/s
in 0,001s

2025-01-25 13:01:15 (13,5 MB/s) - '/Users/bernayilmaz/datasets/
Wine.csv' saved [11284/11284]

(base) bernayilmaz@MacBookPro mlops % ls ~/datasets
Wine.csv
(base) bernayilmaz@MacBookPro mlops % head -n 15 ~/datasets/Wine.csv
Alcohol,Malic_Acid,Ash,Ash_Alcanity,Magnesium>Total_Phenols,Flavano
ids,Nonflavanoid_Phenols,Proanthocyanins,Color_Intensity,Hue,OD280,Pr
oline,Customer_Segment
14.23,1.71,2.43,15.6,127,2.8,3.06,0.28,2.29,5.64,1.04,3.92,1065,1
13.2,1.78,2.14,11.2,100,2.65,2.76,0.26,1.28,4.38,1.05,3.4,1050,1
13.16,2.36,2.67,18.6,101,2.8,3.24,0.3,2.81,5.68,1.03,3.17,1185,1
14.37,1.95,2.5,16.8,113,3.85,3.49,0.24,2.18,7.8,0.86,3.45,1480,1
13.24,2.59,2.87,21,118,2.8,2.69,0.39,1.82,4.32,1.04,2.93,735,1
14.2,1.76,2.45,15.2,112,3.27,3.39,0.34,1.97,6.75,1.05,2.85,1450,1

```

```
14.39,1.87,2.45,14.6,96,2.5,2.52,0.3,1.98,5.25,1.02,3.58,1290,1
14.06,2.15,2.61,17.6,121,2.6,2.51,0.31,1.25,5.05,1.06,3.58,1295,1
14.83,1.64,2.17,14,97,2.8,2.98,0.29,1.98,5.2,1.08,2.85,1045,1
13.86,1.35,2.27,16,98,2.98,3.15,0.22,1.85,7.22,1.01,3.55,1045,1
14.1,2.16,2.3,18,105,2.95,3.32,0.22,2.38,5.75,1.25,3.17,1510,1
14.12,1.48,2.32,16.8,95,2.2,2.43,0.26,1.57,5,1.17,2.82,1280,1
13.75,1.73,2.41,16,89,2.6,2.76,0.29,1.81,5.6,1.15,2.9,1320,1
14.75,1.73,2.39,11.4,91,3.1,3.69,0.43,2.81,5.4,1.25,2.73,1150,1
(base) bernayilmaz@MacBookPro mlops % awk -F',' 'NR>1 && $1 > 14.0
{print}' ~/datasets/Wine.csv
```

```
14.23,1.71,2.43,15.6,127,2.8,3.06,0.28,2.29,5.64,1.04,3.92,1065,1
14.37,1.95,2.5,16.8,113,3.85,3.49,0.24,2.18,7.8,0.86,3.45,1480,1
14.2,1.76,2.45,15.2,112,3.27,3.39,0.34,1.97,6.75,1.05,2.85,1450,1
14.39,1.87,2.45,14.6,96,2.5,2.52,0.3,1.98,5.25,1.02,3.58,1290,1
14.06,2.15,2.61,17.6,121,2.6,2.51,0.31,1.25,5.05,1.06,3.58,1295,1
14.83,1.64,2.17,14,97,2.8,2.98,0.29,1.98,5.2,1.08,2.85,1045,1
14.1,2.16,2.3,18,105,2.95,3.32,0.22,2.38,5.75,1.25,3.17,1510,1
14.12,1.48,2.32,16.8,95,2.2,2.43,0.26,1.57,5,1.17,2.82,1280,1
14.75,1.73,2.39,11.4,91,3.1,3.69,0.43,2.81,5.4,1.25,2.73,1150,1
14.38,1.87,2.38,12,102,3.3,3.64,0.29,2.96,7.5,1.2,3,1547,1
14.3,1.92,2.72,20,120,2.8,3.14,0.33,1.97,6.2,1.07,2.65,1280,1
14.19,1.59,2.48,16.5,108,3.3,3.93,0.32,1.86,8.7,1.23,2.82,1680,1
14.06,1.63,2.28,16,126,3,3.17,0.24,2.1,5.65,1.09,3.71,780,1
14.02,1.68,2.21,16,96,2.65,2.33,0.26,1.98,4.7,1.04,3.59,1035,1
14.22,3.99,2.51,13.2,128,3,3.04,0.2,2.08,5.1,0.89,3.53,760,1
14.21,4.04,2.44,18.9,111,2.85,2.65,0.3,1.25,5.24,0.87,3.33,1080,1
14.38,3.59,2.28,16,102,3.25,3.17,0.27,2.19,4.9,1.04,3.44,1065,1
14.1,2.02,2.4,18.8,103,2.75,2.92,0.32,2.38,6.2,1.07,2.75,1060,1
14.22,1.7,2.3,16.3,118,3.2,3,0.26,2.03,6.38,0.94,3.31,970,1
14.34,1.68,2.7,25,98,2.8,1.31,0.53,2.7,13,0.57,1.96,660,3
14.16,2.51,2.48,20,91,1.68,0.7,0.44,1.24,9.7,0.62,1.71,660,3
14.13,4.1,2.74,24.5,96,2.05,0.76,0.56,1.35,9.2,0.61,1.6,560,3
```