

which locate

locate <dir name>locate <file name>

1. Find Files Using Name in Current Directory

```
# find . -name data.txt
```

2. Find Files Under Home Directory

```
# find /home -name test.txt
```

3. Find Files Using Name and Ignoring Case

```
find /home -iname data.txt
```

4. Find Directories Using Name

```
# find / -type d -name Data
```

5. Find PHP Files Using Name

```
# find . -type f -name index.php
```

6. Find all PHP Files in the Directory

```
# find . -type f -name "*.php"
```

7. Find Files With 777 Permissions

```
# find . -type f -perm 0777 -print
```

8. Find Files Without 777 Permissions

```
# find / -type f ! -perm 777
```

9. Find SGID Files with 644 Permissions

```
# find / -perm 2644
```

10. Find Sticky Bit Files with 551 Permissions

```
# find / -perm 1551
```

11. Find SUID Files

```
# find / -perm /u=s
```

## 12. Find SGID Files

```
# find / -perm /g=s
```

## 13. Find Read-Only Files

```
# find / -perm /u=r
```

## 14. Find Executable Files

```
# find / -perm /a=x
```

```
# find / -perm /a=x
```

## 15. Find Files with 777 Permissions and Chmod to 644

```
# find / -type f -perm 0777 -print -exec chmod 644 {} \;
```

## 16. Find Directories with 777 Permissions and Chmod to 755

```
# find / -type d -perm 777 -print -exec chmod 755 {} \;
```

## 17. Find and remove single File

```
# find . -type f -name "tecmint.txt" -exec rm -f {} \;
```

## 18. Find and remove Multiple File

```
# find . -type f -name "*.txt" -exec rm -f {} \;
```

OR

```
# find . -type f -name "*.mp3" -exec rm -f {} \;
```

## 19. Find all Empty Files

```
# find /tmp -type f -empty
```

## 20. Find all Empty Directories

```
# find /tmp -type d -empty
```

## 21. File all Hidden Files

```
# find /tmp -type f -name ".*"
```

22. Find Single File Based on User

```
# find / -user root -name tecmint.txt
```

23. Find all Files Based on User

```
# find /home -user tecmint
```

24. Find all Files Based on Group

```
# find /home -group developer
```

25. Find Particular Files of User

```
# find /home -user tecmint -iname "*.txt"
```

26. Find Last 50 Days Modified Files

```
# find / -mtime 50
```

27. Find Last 50 Days Accessed Files

```
# find / -atime 50
```

28. Find Last 50-100 Days Modified Files

```
# find / -mtime +50 -mtime -100
```

29. Find Changed Files in Last 1 Hour

```
# find / -cmin -60
```

30. Find Modified Files in Last 1 Hour

```
# find / -mmin -60
```

31. Find Accessed Files in Last 1 Hour

```
# find / -amin -60
```

### **Find Files and Directories Based on Size**

32. Find 50MB Files

```
# find / -size 50M
```

33. Find Size between 50MB – 100MB

```
# find / -size +50M -size -100M
```

34. Find and Delete 100MB Files

```
# find / -type f -size +100M -exec rm -f {} \;
```

35. Find Specific Files and Delete

```
# find / -type f -name *.mp3 -size +10M -exec rm {} \;
```

**Use man cmd with find to learn about these options.**

-type

-size

-user

-group

-perm

-delete

-exec

-print

-mtime

-mmin

-atime

-amin

-cmin