

# Assignment - Find & Other command

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Q1. Try to locate the file which is starting with the letter {a} and ending with the letter {t}

- N number of characters can be in between

- Find out any file which starting with the letter { s } & last second character can be {z} only & size should be 5 character

- Finding all the file & folder only in the current directory don't have to list subdirectory contents & letter {am} in between the filenames

- Get files starting with a letter { a } & second letter can be { l or t } only eg algo.txt atno.txt

- Get all the files starting with letter {A-T} or {a-z} or {0-7}

- Get file whose second letter is {d} & last character can be from { o to z } only

Hint : [] wildcard

```
gowsiyogi2@cloudshell:~$ mkdir practice
gowsiyogi2@cloudshell:~$ ls
practice  README-cloudshell.txt
gowsiyogi2@cloudshell:~$ cd practice/
gowsiyogi2@cloudshell:~/practice$ ls
gowsiyogi2@cloudshell:~/practice$ touch abc.txt adam.txt admit.txt adopt.txt almost.txt atlast.txt atleast.txt alert.txt allot.txt scrzb.txt suzzy.txt scuzb.txt sarzb.txt
among.txt amend.txt algo.txt atno.txt 0123.txt 4789.txt
gowsiyogi2@cloudshell:~/practice$ ls
0123.txt  abc.txt  admit.txt  alert.txt  allot.txt  amend.txt  atleast.txt  sarzb.txtamong.txt  scuzb.txt
4789.txt  adam.txt  adopt.txt  algo.txt   almost.txt  atlast.txt  atno.txt    scrzb.txt    suzzy.txt
```

```
gowsiyogi2@cloudshell:~/practice$ ls a[a-z]*t
abc.txt  adam.txt  admit.txt  adopt.txt  alert.txt  algo.txt  allot.txt  almost.txt  amend.txt  atlast.txt  atleast.txt  atno.txt
gowsiyogi2@cloudshell:~/practice$ ls s??z?.txt
scrzb.txt  scuzb.txt  suzzy.txt
gowsiyogi2@cloudshell:~/practice$ ls [am]*
abc.txt  adam.txt  admit.txt  adopt.txt  alert.txt  algo.txt  allot.txt  almost.txt  amend.txt  atlast.txt  atleast.txt  atno.txt
gowsiyogi2@cloudshell:~/practice$ ls a[l,t]*
alert.txt  algo.txt  allot.txt  almost.txt  atlast.txt  atleast.txt  atno.txt
gowsiyogi2@cloudshell:~/practice$ ls [A-T]* [a-z]* [0-7]*
ls: cannot access '[A-T]*': No such file or directory
0123.txt  abc.txt  admit.txt  alert.txt  allot.txt  amend.txt  atleast.txt  sarzb.txtamong.txt  scuzb.txt
4789.txt  adam.txt  adopt.txt  algo.txt   almost.txt  atlast.txt  atno.txt    scrzb.txt    suzzy.txt
gowsiyogi2@cloudshell:~/practice$ ls ?d*[o-z]
adam.txt  admit.txt  adopt.txt
```

Q2. Create a range of folder with the names as [ emp1 , emp2 , emp3 ..... emp100 ] inside the source folder [using single command]

- Try to create to backup of this folder inside the Desktop with the name as backup
- Delete all the folder which lies in range 70 to 85 inside the emp70 and emp85 values
- At time of deletion it should ask for prompt to delete the folder or not
- If you done the above step
- Try to delete all folder with value of range 50 to 100 for emp50 to emp100 folder without asking for prompt  
[Hint : use the -i]

```
gowsiyogi2@cloudshell:~$ mkdir employee backup
gowsiyogi2@cloudshell:~$ cd employee/
gowsiyogi2@cloudshell:~/employee$ mkdir emp{1..100}
gowsiyogi2@cloudshell:~/employee$ ls
emp1  emp13  emp18  emp22  emp27  emp31  emp36  emp40  emp45  emp5  emp54  emp59  emp63  emp68  emp72  emp77  emp81  emp86  emp90  emp95
emp10 emp14  emp19  emp23  emp28  emp32  emp37  emp41  emp46  emp50  emp55  emp6  emp64  emp69  emp73  emp78  emp82  emp87  emp91  emp96
emp100 emp15  emp2  emp24  emp29  emp33  emp38  emp42  emp47  emp51  emp56  emp60  emp65  emp7  emp74  emp79  emp83  emp88  emp92  emp97
emp11  emp16  emp20  emp25  emp3  emp34  emp39  emp43  emp48  emp52  emp57  emp61  emp66  emp70  emp75  emp8  emp84  emp89  emp93  emp98
emp12  emp17  emp21  emp26  emp30  emp35  emp4  emp44  emp49  emp53  emp58  emp62  emp67  emp71  emp76  emp80  emp85  emp9  emp94  emp99
gowsiyogi2@cloudshell:~/employee$ cp -r emp{1..100} /home/gowsiyogi2/backup/
gowsiyogi2@cloudshell:~/employee$ cd ../backup/
gowsiyogi2@cloudshell:~/backup$ ls
emp1  emp13  emp18  emp22  emp27  emp31  emp36  emp40  emp45  emp5  emp54  emp59  emp63  emp68  emp72  emp77  emp81  emp86  emp90  emp95
emp10 emp14  emp19  emp23  emp28  emp32  emp37  emp41  emp46  emp50  emp55  emp6  emp64  emp69  emp73  emp78  emp82  emp87  emp91  emp96
emp100 emp15  emp2  emp24  emp29  emp33  emp38  emp42  emp47  emp51  emp56  emp60  emp65  emp7  emp74  emp79  emp83  emp88  emp92  emp97
emp11  emp16  emp20  emp25  emp3  emp34  emp39  emp43  emp48  emp52  emp57  emp61  emp66  emp70  emp75  emp8  emp84  emp89  emp93  emp98
emp12  emp17  emp21  emp26  emp30  emp35  emp4  emp44  emp49  emp53  emp58  emp62  emp67  emp71  emp76  emp80  emp85  emp9  emp94  emp99
```

```
gowsiyogi2@cloudshell:~/backup$ cd ../employee/
gowsiyogi2@cloudshell:~/employee$ rm -rf -i emp{70..85}
rm: remove directory 'emp70'? y
rm: remove directory 'emp71'? y
rm: remove directory 'emp72'? y
rm: remove directory 'emp73'? y
rm: remove directory 'emp74'? y
rm: remove directory 'emp75'? y
rm: remove directory 'emp76'? y
rm: remove directory 'emp77'? y
rm: remove directory 'emp78'? y
rm: remove directory 'emp79'? y
rm: remove directory 'emp80'? y
rm: remove directory 'emp81'? y
rm: remove directory 'emp82'? y
rm: remove directory 'emp83'? y
rm: remove directory 'emp84'? y
rm: remove directory 'emp85'? y
gowsiyogi2@cloudshell:~/employee$ ls
emp1  emp12  emp16  emp2  emp23  emp27  emp30  emp34  emp38  emp41  emp45  emp49  emp52  emp56  emp6  emp63  emp67  emp8  emp89  emp92  emp96
emp10 emp13  emp17  emp20  emp24  emp28  emp31  emp35  emp39  emp42  emp46  emp5  emp53  emp57  emp60  emp64  emp68  emp86  emp9  emp93  emp97
emp100 emp14  emp18  emp21  emp25  emp29  emp32  emp36  emp4  emp43  emp47  emp50  emp54  emp58  emp61  emp65  emp69  emp87  emp90  emp94  emp98
emp11  emp15  emp19  emp22  emp26  emp3  emp33  emp37  emp40  emp44  emp48  emp51  emp55  emp59  emp62  emp66  emp7  emp88  emp91  emp95  emp99
gowsiyogi2@cloudshell:~/employee$ rm -rf emp{50..100}
gowsiyogi2@cloudshell:~/employee$ ls
emp1  emp12  emp15  emp18  emp20  emp23  emp26  emp29  emp31  emp34  emp37  emp4  emp42  emp45  emp48  emp6  emp9
emp10 emp13  emp16  emp19  emp21  emp24  emp27  emp3  emp32  emp35  emp38  emp40  emp43  emp46  emp49  emp7
emp11 emp14  emp17  emp2  emp22  emp25  emp28  emp30  emp33  emp36  emp39  emp41  emp44  emp47  emp5  emp8
```

Q3. Try to find out any files & folder having size less than 20 MB inside the /home directory

- Only try to find out files (files only) inside the /home/user directory with created by the user your are currently working

- Create a file on Desktop with names as data.txt & Data.txt & DATA.txt & try to find all the data.txt files as case insensitive letters

- find out any files updated or created in last 30 min

```
gowsiyogi2@cloudshell:~/practice$ ls
0123.txt  abc.txt  admit.txt  alert.txt  allot.txt  amend.txt  atleast.txt  sarzb.txtamong.txt  scuzb.txt
4789.txt  adam.txt  adopt.txt  algo.txt  almost.txt  atlast.txt  atno.txt  scrzb.txt  suzzy.txt
gowsiyogi2@cloudshell:~/practice$ find . -size -20M
.
./algo.txt
./suzzy.txt
./almost.txt
./atleast.txt
./scuzb.txt
./atlast.txt
./4789.txt
./amend.txt
./alert.txt
./allot.txt
./0123.txt
./admit.txt
./scrzb.txt
./atno.txt
./adam.txt
./sarzb.txtamong.txt
./abc.txt
./adopt.txt
```

```
gowsiyogi2@cloudshell:~/practice$ ls -lAh | grep -v '^d'
total 0
-rw-r--r-- 1 gowsiyogi2 gowsiyogi2 0 Aug  8 05:33 0123.txt
-rw-r--r-- 1 gowsiyogi2 gowsiyogi2 0 Aug  8 05:33 4789.txt
-rw-r--r-- 1 gowsiyogi2 gowsiyogi2 0 Aug  8 05:33 abc.txt
-rw-r--r-- 1 gowsiyogi2 gowsiyogi2 0 Aug  8 05:33 adam.txt
-rw-r--r-- 1 gowsiyogi2 gowsiyogi2 0 Aug  8 05:33 admit.txt
-rw-r--r-- 1 gowsiyogi2 gowsiyogi2 0 Aug  8 05:33 adopt.txt
-rw-r--r-- 1 gowsiyogi2 gowsiyogi2 0 Aug  8 05:33 alert.txt
-rw-r--r-- 1 gowsiyogi2 gowsiyogi2 0 Aug  8 05:33 algo.txt
-rw-r--r-- 1 gowsiyogi2 gowsiyogi2 0 Aug  8 05:33 allot.txt
-rw-r--r-- 1 gowsiyogi2 gowsiyogi2 0 Aug  8 05:33 almost.txt
-rw-r--r-- 1 gowsiyogi2 gowsiyogi2 0 Aug  8 05:33 amend.txt
-rw-r--r-- 1 gowsiyogi2 gowsiyogi2 0 Aug  8 05:33 atlast.txt
-rw-r--r-- 1 gowsiyogi2 gowsiyogi2 0 Aug  8 05:33 atleast.txt
-rw-r--r-- 1 gowsiyogi2 gowsiyogi2 0 Aug  8 05:33 atno.txt
-rw-r--r-- 1 gowsiyogi2 gowsiyogi2 0 Aug  8 05:33 sarzb.txtamong.txt
-rw-r--r-- 1 gowsiyogi2 gowsiyogi2 0 Aug  8 05:33 scrzb.txt
-rw-r--r-- 1 gowsiyogi2 gowsiyogi2 0 Aug  8 05:33 scuzb.txt
-rw-r--r-- 1 gowsiyogi2 gowsiyogi2 0 Aug  8 05:33 suzzy.txt
```

```
gowsiyogi2@cloudshell:~/practice$ mkdir data.txt DATA.txt Data.txt
gowsiyogi2@cloudshell:~/practice$ find . -iname data.txt
./data.txt
./DATA.txt
./Data.txt
```

```
gowsiyogi2@cloudshell:~/practice$ find -mmmin -30
.
./data.txt
./DATA.txt
./Data.txt
gowsiyogi2@cloudshell:~/practice$ find -mmmin -60
.
./algo.txt
./suzzy.txt
./almost.txt
./data.txt
./atleast.txt
./scuzb.txt
./atlast.txt
./DATA.txt
./4789.txt
./amend.txt
./Data.txt
./alert.txt
./allot.txt
./0123.txt
./admit.txt
./scrzb.txt
./atno.txt
./adam.txt
./sarzb.txtamong.txt
./abc.txt
./adopt.txt
```