Harshitha D.s 'A' sec-man Day OL,

Pattern matching

Pattern matching in the shell against filenames has metacharacters defined differently from the seest of unix pattern matching programs.

wild card (*)

wild cards allows us to specify succincly apattern that matches a set of filenames

eg: *abc to get a liet of all the ADC files It is often rejerred to as glob patterns

+ - matches zeroes or more characters

eg: (reale jew files

\$ touch a. 12 b. 12 C. 12 d.ab

\$ Ls ×.12

Output; a.12 6.12 c.12

nuta character (?)

Question mark (?), it represents or matches a single occurance of any character

Ropose: file name substitution

eg: ls ??

It liste all two-character jiles.

```
y changel or closes? I
There are the special characters that are first interpreted by
la shell before passing the same to command. They are also
known as shell command wildcard
  > used for output redirection
  >> = used for output redirection to append
  a input redirection
 ce: used for input sudirection and also known as her
      document
 x: match any number of characters
[]: match range of charactery
s Syntax
   ccho "hello" > leet .txl
Syntax:>>
     echo "Hello, welcome">>> lest. Ext
  This will append the line to the existing file
* Syntax
    ls my
    I mol 2 mod 2 mod 3
? Syntax i
   ls?.tol
```

[] Systax le mod [1.3] mod 2 mod 2 mod 3

eg: 1. txt 2. txt 3. txt

18. 117 pom 11 \$touch nod 1 mod 2 med 4 mod 5 mod 6 mod3 mod4 mods Fillery Filters are programs that take plain text as standard input, transform it into a meaningful format => cout Cat [path] eg: coul mod tol Hello RUCE => head: head [path] eg: head mod txt Hello RVCE head - n 5 mod . txl Hello Ruce MCA

=> tail: It is same as head, but instead of printing from top, it print from the scevere order (bottom to up) tail [file-name]

cg: lail mod.txl MCA RVCÉ

=> we . It gives the number of lines words and characters in fel, Syntax: welfile-name] eg: cat mod tal Hello RUCE MCA nc mod, txt 5 4 3 =) grep: It is used to search a particular word or Information in text file Syntax: £9rep name [file-name] eg: \$ cal mod.txl RUCE in good for MCA I'm in Bangalore \$ grep bla. txt I'm in Bougalore \$ cal modital lgrup RUCE RUCE is good for MCA => nl; It is used display nounter of lines Syntax; In file-name eg: \$cal mod, txt RUCE in best ma ingood \$ N mol. tock RVCE in best MCA is good