

How do you repeat the exercise in an interactive manner? (8)

OR

- a) Distinguish between `grep` and `fgrep`. In particular, when should you use `fgrep` instead of `grep`? (8)
- b) Copy `/etc/passwd` to `passwd`. Name the `V_i` commands required to save the first 10 lines in `passwd 1`, the next 10 lines in `passwd 2` and the rest in `passwd 3`. (8)

Unit - III

3. a) What are the conventions followed in Java for naming identifiers? Give example. (4)
- b) Write a program to find the number of and sum of all integers greater than 100 and less than 200 that are divisible by 7? (6)
- c) Explain the concept of Virtual machine and machine independence? (6)

OR

- a) Why Java is so important to the internet? (4)
- b) How do we tell Java that we want to use a particular package in a file and how do we design a package? (6)
- c) Discuss the various levels of access protection available for package and their implications? (6)

Unit - IV

4. a) Develop an applet that receives three numeric values as input from the user and then displays the largest of the three on the screen. Write a HTML page and test the applet? (8)
- b) Distinguish between
- i) Input Stream and Reader classes
 - ii) Output stream and Writer classes. (8)

OR

- a) Given one two one dimensional arrays 'A' and 'B' which are sorted in ascending order. Write a program to merge them into a single sorted array 'C' that contain every item from array A and B, in ascending order? (8)