



# ABC IT Education

WE'LL TAKE YOU FROM ZERO TO HERO IN A SNAP

# Linux Systems Administration

## Homework 6

# Use your Home Centos for this Home work show the command that will answer each

Using the 'training' directory created in the last home work

## 1. Vi/Vim Practice

- a) How many modes are there in vi/vim? Name them.
- b) What are the main navigation keys in vi/vim? Name each key and with its direction.
- c) Using the file 'vipractice' which can be downloaded from <https://abciteducation.com/classfiles/>
  - i. How would you display the line numbers?
  - ii. What is the sequence of commands to copy line 3 and past it 5 times below line 3?
  - iii. Change the word RATIONALE to Program Benefits, using one command.
  - iv. How would you go to the last line from anywhere in the file?
  - v. Open a blank line below line 6 and type the vowels A E I O U, 2 times, then undo what you just did.

# Use your Home Centos for this Home work show the command that will answer each

2. File Manipulation and Archive/Compression (show commands used – Use training directory from previous HW)
  - a) Create a directory called hw6 in your 'training' directory.
  - b) Create 2 empty files hw6a and hw6b in your 'training' directory.
  - c) Copy files hw6a and hw6b to the hw6 directory.
  - d) Display columns 1, 3, and 5 of the contents of /etc/passwd, then sort the output by field number 2.
  - e) Tar and compress your entire training directory to any file of your choice and save the file in the /tmp directory.
  - f) Now if I want to see the contents of the file just put on /tmp, what command will I use?
  - g) What is the size of your compressed tar file in Megabytes and in Gigabytes?