step4:- After downloading open the vmware & click on new virtual machine. click on custom option. & after clicking next select option of install the os latter.

step5:- Then select Microsoft windows & after click 2 times next & select the option UEFI & secure boot.

step6:- select the score & processes after that click on next & select the ram byte as per your pc.

step7:- then simply click next untile you reach at the below tab & I have seleced the single file & click next after than select customize hardware.

step8:- This was my configuration.

step9:- Now click on finsh after that click on power on & setup your windows.

c) Install abundu in vmware.
step1:- install ubuntu file from ubuntu official website.
step2:- go to vmware. click on new virtual machine & selet custom option, click next & select the option of install later.
step3:- select the linux option & click next select the processor & core
step4:- select the ram as 4gb & select the controller type as paravirtualized scsi.
step5:- now you just simply click next until u reach at this page & nor customize & again change only the cd option & add the file which u have download.
step6:- click on power on & now set up the ubuntu done

FOR EDUCATIONAL USE

- gzip

  It is used compresses a ~~file or~~ files.

- gunzip

  It is used extract the compressed files.

- pwd

  It stands for present working director which is used to display the current working directory.

- cd

  This command is used to change the directory.

- ls

  This command is used to list the details about the file.

- mkdir

  It is used to create a directory.

- rmdir

  It is used to remove directory.

- file

  The file utility determines the file type.

- touch

  This command is used to create an empty file.

Practical no:5

step 1: Download
Download the 7zip from https://www.7-zip.org/download.html

step 2.
Install the 7zip by going to the downloaded location & double click it then click install.

step 3
open the 7zip file manager & go to this path
path - "C:\users\Admin\Desktop\"

step 4
Create a new Folder by right click select create folder or press F7 then name it & click ok.

step 5
Right click the floder & select the 7zip option. add to archive.

step 6
Now select the location by click the "..." & enter the password, click ok to create a 7zip file.

Practical 1

a) Installation of vmware workation pro. -

step1 :- First visit the workstation website to download the workstation pro.

step 2 :- double click to start the downloaded application a window will pop up.

Step 3 :- then simply click on next & accept the license & click next then click on enhance keyword driver.

step4 :- Then click 2 times next after that you will get the install button.

step5 :- Now the installation is completed click on finsh.

b) Installation of windows in vmware.

step 1 :- Install the toolkit from website

step 2 :- then open the application & click on accept the license & click on next

step 3 :- click on create installation using media & then select the file to install the iso file & then download will start

Practical no: 2 - Window (DOS) commands.

1) Date

Used to display the system date & time It is also used to set date & time of the system.

2) Time

used to execute a command & prints a summary of real-time, uses CPU time & System. CPU time spent by executing a command when it terminates.

3) md

Create a directory or subdirectory. md command to intermediate directories in a specified path.

4) cd

cd command is used change the current directory.

5) rd

The rd command is used to delete a directory.

6) path

The path command specify the set of directories used to search for executable files.

7) copy

To copy the files from one location to another.

- w

  show who is logged on & what they are doing including uptime of a Linux box

- finger

  It is user information - lookup comand which gives details of all the users logged in.

- df

  desk free which provides information on disk space utilization.

- du

  disk usage which provides information about the storage consumption of files & directories.

- whereis

  It is used to find the location of source/binary file of a command & manuals sections for a specified file in Linux system.

- man

  It is used to display the user manual of any command that we run on the terminal.

- Tar

  It is used to create Archive & extract the archive file.

Practical 3
linux command

- grep
  It is used to select & prints the lines / statements from a file which matches a given string / pattern

- locate
  It s used to find the location of the files & directories in the system.

- find
  It s used to find the files only.

- Date
  It used to show the current date & time.

- cat
  This command is used to display the content of text fill & to combine several files into one file.

- ~~tac~~
  It is used to display the content of

- uptime
  It is used show how long the Linux system has been running

- rm

    This command is used to remove the file permantly.

- cp

    It is used to - copy files & directaries

- mv

    It is used to move the file & directarics.

- hedd

    It is used for printing the first 10 lines of file

- tail

    It is used for printing the last 10 lines of file.

- top

    This command is used to find CPU usage.

- pkill

    It is used to terminate/stop a running process immediatity.

- bg

    It is used to place the job in background & it can runned by holding & symbol at the end at the end of command.

8) del

Deletes one or more files. This command performs the same actions as the erase command.

9) echo

used to display line of text/string that are passed as an argument.

10) move

used to move one or more files from one place to another in file system tree.

11) rename

used to rename the named file according to the regular expression.

12) ver

. Display the operating system version number.