im!

To install volutualbox with different flavous of Library on top of windows.

Procedure:

1) VRIST the affectal website of virtualbox and

navigate to the downloads page.

2, Download the correct Anstallation package

you your as and an archetedure.

3) Open the Installor

4) Confegure the pretablation as per the requirement of Franch the installation and open the vertualbox

application.

6) To download a Lenux distro, veset downtrads

page of ubuntu.

7) Chouse a desered version and an anchetecture

matching your virtualist installation, and click

bountond'.

8) In virtualbox, citch 'New' button on the

05

outch type. Type a home in the 'Name' Held and 9) select ubunta as variount & appropriate

culiet on 'continue'.

10) Chare optimum values for dusk and memory

allocateon for the VM.

11) When prompted, choose vot (virtual blak trings)

18) Culch on 'Flinish' to create the VM.

Mount the downboated disk smage of ubunter.

14) Double cleck on the newly created VM to start Choose the mounted Uburtu Brouge to boot:

Once booted Anto Ubuntu as live wer, alck on

'Install Now'.

17) proceed with a marinal Austallotton with

mostly default settengs

18) continue to Bustall that VM, wisping the

vartual disk previously induted.

19) complete the sexup and eneate a new user.

successfully by executing VM on vertical box. John of now Thus, a new linux alestrebuteon was installed

Date: 26/08/21 Ex. NO; 02 INSTALL C COMPILER IN THE VM AND EXECUTE SIMPLE PROGRAMS

created using vertual box and execute semple pregrams To Enstall a C competer for the Vibral machine

Procedure:

1) Stort the Virtual Machine checuting using the

procedure montened on just experiment.

en Logian to the machine and open a terminal

w.Bndow napositiony, use command suido apt update? 3) To update the last of available softwares

4) To Antow the GC (GNU clet Complete),

we the command 'sudo apt install gec'. 5) Nowligate to a destred location using 'ca'

and mader to create derectories.

6) To vieate a now c source tell, we the

command 'nano hous, c'

8) press CHI+S to save, CHI+x to expt 7) Type the source code for the program.

the nano editor.

a) To complete the source program, we the

command 'gec help.c'.

use '. /a out command-10) To execute the created executable (-out)

Sample C Program:

hello.c

Include < stall, h>

vold make u ? prentp("In Hello world \m");

Rosult:

succentully An a vartual machine. Thus, a simple c program was compiled and executed The salver

Date:16/9/21 Ex. No: 05 To simulate SUF scheduling using Upudsim. SJF using Cloudsim

Procedure:

as Downhood and Install Jowa Revelopment kit ut

not owneredy Britailled

con founted and soutest Jewa Extension pack for

(3) Rounted claudism and lummon-math modules the create a project folder and a 'est tolder

shelde of it.

(6) Copy doudsom and mouth-module for folis to the

co Downbood example sounce code for SF from

CPHHUB and copy to the project tolder

(4) NOW RUN/Debug the Mach tale from within

Result:

recode.

using Cloudsom. thus, SIF scheduling has been simulated successfully

using various mothers. To Exampler fields from one VM to another VM

Proudure:

Intaking vertualbox bust addellow:

(1) Launch an Butance of a meated M a cleck on 'Review' menu -> 'Guest Adaleteons

en Bronge!

(3) Launch the verstalles the on the mounted

medium.

at when prompted, enter paraward.

* Copy Poste:

-al". to enable elaborard when the (1) Will on Develus -> Shared Cupbered -> Bridgertion

take offert. is to describe a support . (3) Rostout the VM once for the changes to (a) while on bendow - Dong and drop -

@ Restant vm for the change to take exect.

* USB Drive;

the voltualbox extansion pack.

the down bonded extension pack.

the downborded extension pure.
(3) Sollet your VM and allek on settings and then

USB on the monu.

(4) Enable USB controller and select USB 2-0
(6) Solect 'ok' & stant the VPrtual Madiane and

ugast a use duave.

(6) Now select 'Reveres' and then select 'user'.

Create a shared devere:

cr) clede on Aberlaus -> Sharred Folders -> Sharred

Foldon Sellengs

on the night state to create shared taken.

(3) Fell out the required oletades to create a shared

(4) cleck on 'OK' to stake and clave the window.

(5) Make sure to check Auto mount and make

pormanent checkboxes.

ch Now, you can add yells to the shared folder and see set sync awas viss and host machine.

(7) Use command sudo usermed -a6 vboxsf \$1568.

to give acess to the shared folder.

Rosult:

Thus, gelle towarder between VMs was successfully

canonized out uniting variety procedures.

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