IT22711-DISTRIBUTED AND CLOUD COMPUTING LABORATORY

EXNO: 6

DATE:

Install C compiler in the Virtual Machine and execute a Sample Program

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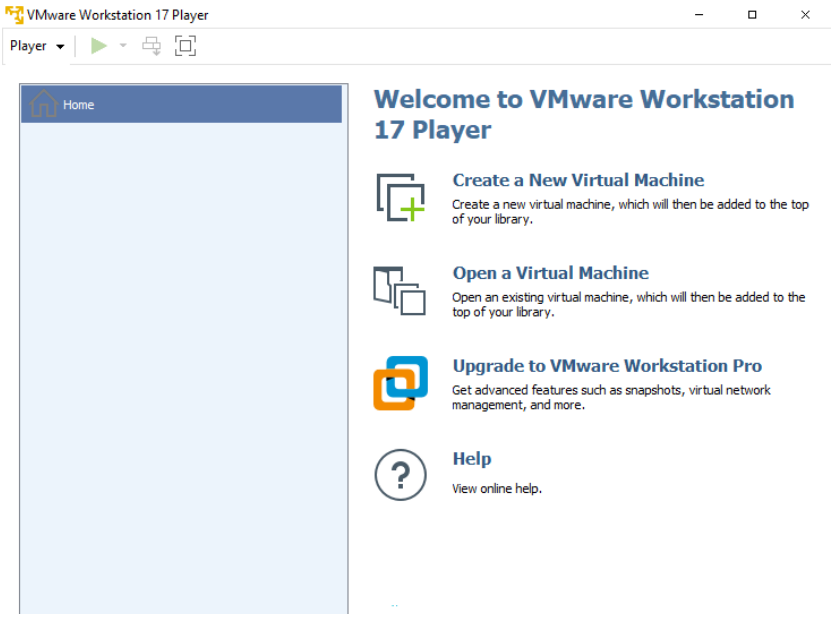
AIM:

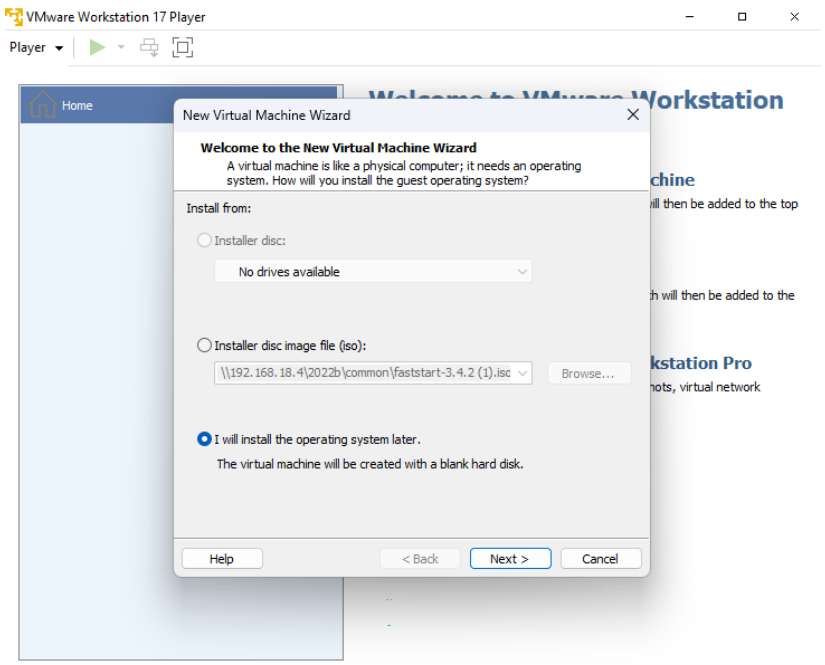
To implement the installation of C compiler in the virtual machine and execution of a sample program.

PROCEDURE:

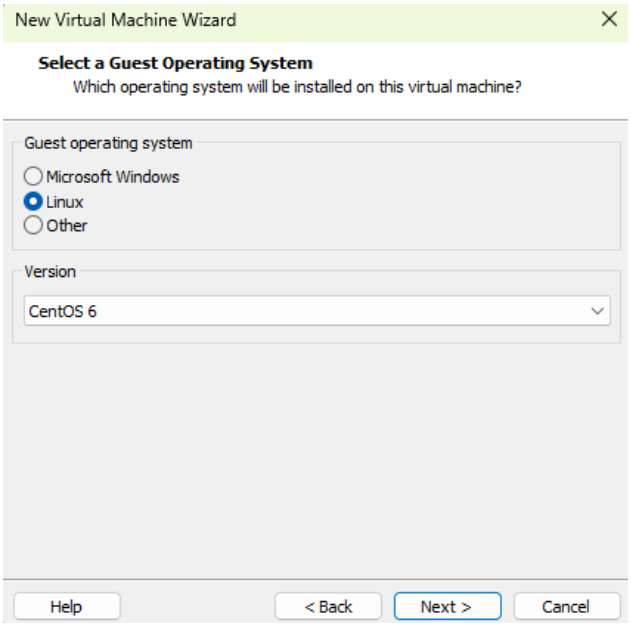
1. Click on VMWare workstation in your desktop and click on Create a New Virtual Machine.



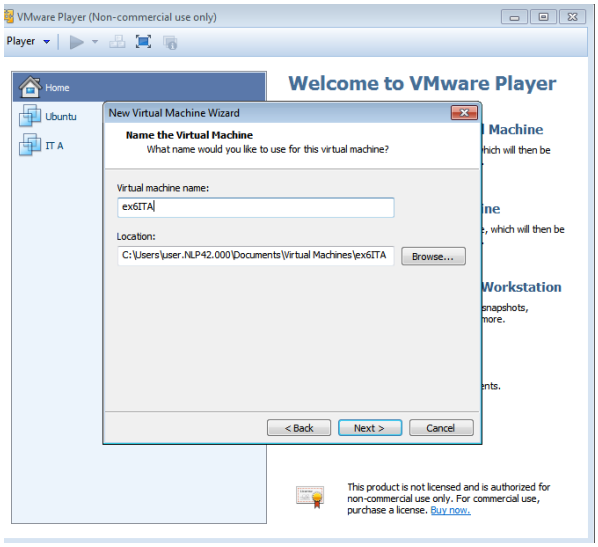
2. Choose the 'I will install the operating system later' option and click Next.



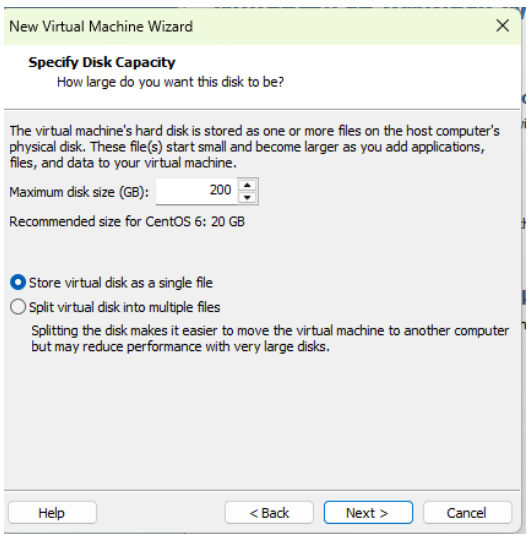
3. Choose Linux as the Guest Operating system, select CentOS 6 as version and click Next



4. Name the Virtual Machine as ex6ITA, click Next.

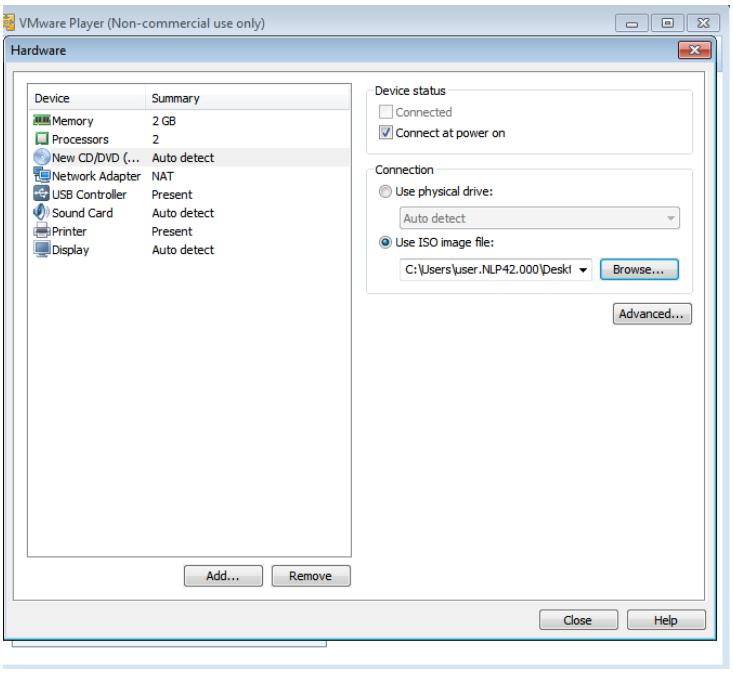


5. Enter the maximum disk size as 200GB and choose the option .Store visual disk as a single file.

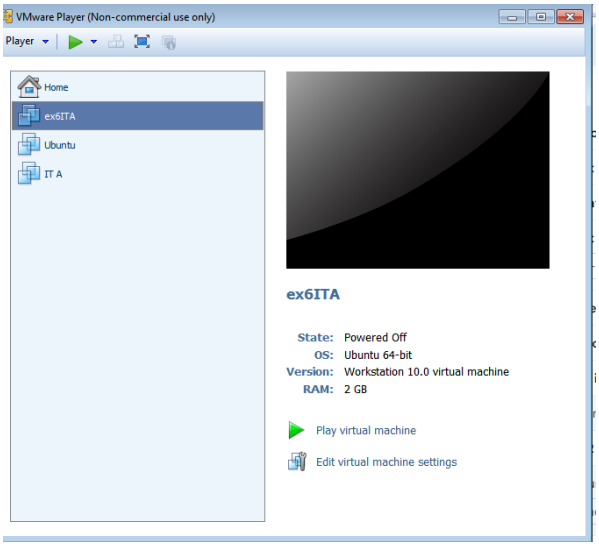


6. Click on Customize Hardware and configure the Virtual Machine as below:

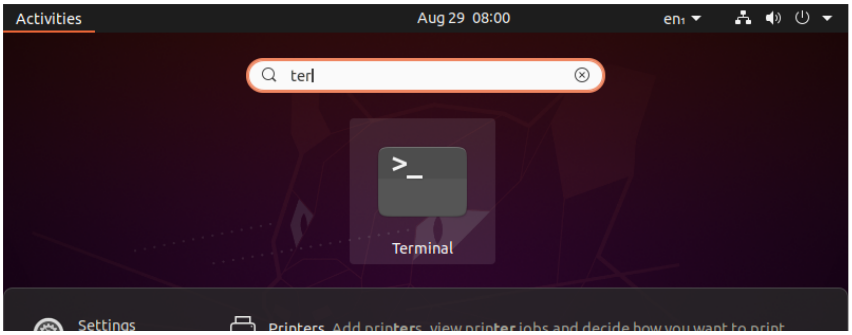
   i) Choose the memory as 2GB(2048 MB)
   ii) Enter the number of processors as 2.
   iii) Choose ISO image file, click Browse or search, AMD64.iso, click close and then finish.



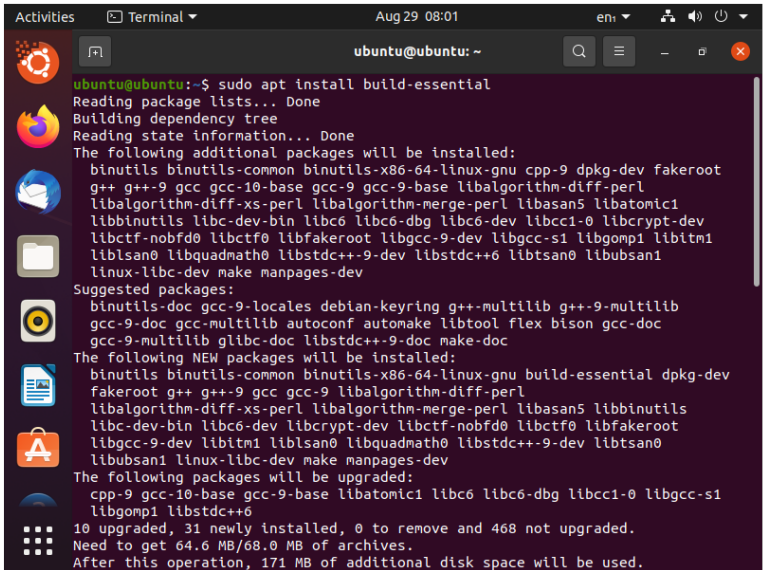
7. Click Play Virtual Machine.



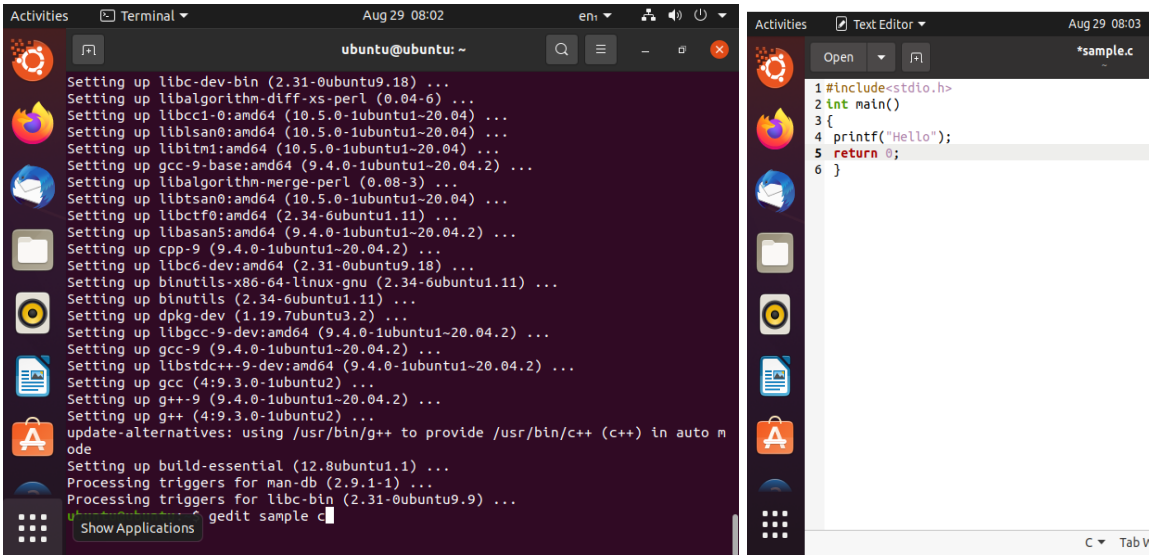
8. Open the terminal in Ubuntu OS.



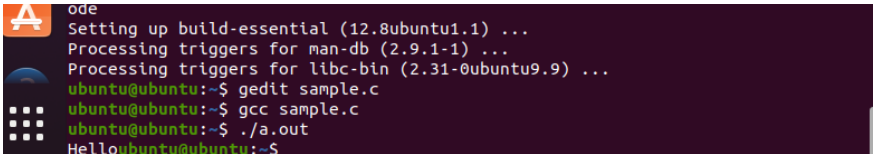
8. Installed C compiler using the command
   “sudo apt install build–essential”
   with password “123456”.



9. Create a sample C program using the command “gedit”.



10. Compile the C program using the command “gcc file_name”.
11. Run the compiled code using the command “./a.out”.



RESULT: Thus, Google App Engine has been installed and Hello world and other simple web applications have been created using Python/Java.