

Ex-01- Passport applications system

1. Aim: To create a passport application system through the web page.

Tools Required:

Zoho.com (online application).

Procedure:

- ⇒ Create login in the zoho.com.
- ⇒ Verify name, mail, contact no for the login.
- ⇒ Use creator application in the zoho.
- ⇒ choose the solution option in the main menu
- ⇒ Now, Select create solution in the zoho.
Creator application to create page.
- ⇒ Select application to the creator. zoho.
- ⇒ Give the API Name to the creator. zoho.
- ⇒ Start creating new forms.
- ⇒ Create a page by the details
Name, id, ph.no, pickup time, date, pickup place,
Destination,
- ⇒ click the done option to submit the page.
- ⇒ Give the details in web page to own the application in zoho.creator
- ⇒ Store the output by the application.

Output :-

=====
Displaying a class object

Name	<input type="text"/>
Email	<input type="text"/> 
Phone	<input type="text"/> 91+
Address	<input type="text"/>
gender	<input type="radio"/> male <input type="radio"/> female
Passport no	<input type="text"/>
enrollet date	<input type="text"/>
validation date	<input type="text"/>
country	<input type="text"/> India

Result:-

The Web application for passport reservation

System through zoho creator successfully

~~Lab booking system~~

Aim :- Create an cab booking [template] in zoho creator.

¶ Tool Required :-

zoho.com (online application)

• Procedure

- ⇒ Create login in the zoho.com.
- ⇒ Verify mail, contact no, for the login.
- ⇒ Use creator application in the zoho.
- ⇒ Choose the solution option in the menu of creator.
- ⇒ Select create solution in the zoho creator.
- ⇒ Select o the application to create a page
- ⇒ Give the API Name to the zoho creator.
- ⇒ Start creating new forms.
- ⇒ Create the page by the details.
Name, id, ph.no, pickup time, date, Destination
- ⇒ Click the done option to submit the page.
- ⇒ Give the details in the zoho web page to run the application
- ⇒ Store the output of the application.

out put :-

Name - Rakesh Reddy.

Email - rakeshreddy1259.sse@saveetha.com

Pickup Address - vijayashanthi infinite

id - 1a2211259

booking Date - 16/Aug/2023

PickupTime - 10:30:00

travel Date - 17/Aug/2023

Destination - Rajampet

Name -

Email

Pickup Address

id

booking Date

Pickup Time

travel Date

Destination

Result

The creation of ~~ear~~ booking system
in the zoho creator is executed successfully

Aim:- To create a room booking system in
the web page (zoho.com).

Tools Required:-

zoho.com (online application)

Procedure:-

- ⇒ Create the login in the zoho.com.
- ⇒ Verify, mail, contact no, for the login.
- ⇒ Use creator application in the zoho.
- ⇒ Choose the solution option in the zoho.
Creator.
- ⇒ Then create 'Solution' in the zoho creator.
- ⇒ Select the application to create a web
page.
- ⇒ Give the API Name in the zoho creator.
- ⇒ Start creating new forms.
- ⇒ Create the page by the details,
name, id, contact no, address, checkin
time, checkout time, room type, date
- ⇒ Click the done option to submit the page.
- ⇒ Give the details in zoho web page
to run the application.
- ⇒ Store the output of the application.

Name	<input type="text"/>	<input type="text"/>
mail	<input type="text"/>	<input type="text"/>
phone	<input type="text"/> (+91)	<input type="text"/>
no-of day	<input type="text"/> 1	<input type="text"/>
Check in date	<input type="text"/>	<input type="text"/>
Check out date	<input type="text"/>	<input type="text"/>
checkin time	<input type="text"/>	<input type="text"/>
checkout time	<input type="text"/>	<input type="text"/>
Propose	<input type="text"/>	<input type="text"/>
Zoom model	<input type="text"/>	<input type="text"/>

Result:-

Thus the creation of ~~Zoom~~ booking system application in the zoho.creator, executed successfully.

Aim:- To create a student validation in the web page

Tools required: zoho.com (online application)

Procedure:

- Create the login in the zoho.com.
- Verify, mail, contact no, for the login
- Use creator application in the zoho.
- Choose the Create solution option in the zoho creator
- Then create solution in the zoho creator
- Select the application to create a web page
- Give the API name as student validation
- Create the Web Page by the details of Student name, id, ph.no, Address, mail, Department, etc.
- Choose a sub form
End the marks, subject in the sub form.
- Choose the done option for further
- Store the page in zoho Creator.
- Run the page to show the output in the zoho creator.

Name	<input type="text"/>
Email	<input type="text"/> <input type="button" value="Send"/>
Phone	<input type="text"/>
Address	<input type="text"/>
Department	<input type="text"/>
Subject	<input type="text"/>
marks	<input type="text"/>
D/o/B	<input type="text"/> DD/MM/YYYY
Enrollment.	<input type="text"/> DD/MM/YYYY
Year.	<input type="text"/>

Result:-
= =

The creation of student validation system
for a student in the zoho.creator executed
successfully

Aim: Create a Pay roll system of an employee in the web page

Tools Required: zoho.com (online webapplication)

Procedure:

- Create the login in the zoho.com.
- Verify, mail, contact no, for the login
- Use creator application in the zoho.
- Choose the create solution option in the zoho creator
- Then create the application to web page
- Give the API Name as Pay roll system
- Create the webpage by the details of Emp Name, id, level, mail, ph.no, address, BP, CCA, DA, tax.
- Take the formula form and name as total pay
- ~~total pay is consist of~~
$$\frac{BP}{100} + \frac{BP \times CCA}{100} + \frac{BP \times DA}{100} - \frac{tax \times BP}{100}$$
- total pay is the output.
- the data is stored in zoho creator gives output.

Name - mukesh Reddy

Phone - 9578771937

Date - 16-08-2023

Salary - 10000

DA - 15.00

Tax - 3.00

CCA - 10.00

Total pay - 22000

Result:-

Name

Email

Phone

Date

Salary

DA

Tax

CCA

Total pay

Result:-

This is the creation of pay roll system
for employee executed and created in

Zoho creator

Ex-8-Create a virtual hard disk for the given storage using vm ware workstation.

Aim:-

To create a virtual hard disk for the given virtual machine and allocate around 10GB of storage from the physical HD.

Procedure:-

1. Launch the VM using vmware workstation.
2. Under customize hardware → Add storage.
3. Select appropriate storage types (SCSI/IDE).
4. Finish the configuration of storage.
5. Check to see if the additional hard disk is added in the VM.
 - Select disk size as 2.0 and select SATA virtual disk and multiboot.
 - Give name and disk and finish.
 - Type the name of virtual machine & click next.
 - Maximum disk size has to be changed.
 - Click next and finish.
 - Select hard disk then click next then choose size of the disk in 2GB.
 - Click next name hard disk then click next then change size & select ok.
 - Select the microsoft window in guest as.
 - Give virtual machine name & click next.

→ Now it is ready to create VM & click ~~next~~.

→ Go to hard disk, then add click then click on next, button then click on scsf option.

Output:-

memory 2 GB

Processor 2

hard disk 15 GB.

CD/DVD (SATA) Auto detect

network adaptor NAT

USB controller Present

sound card Auto detect

Printer None Present

Display Auto detect

Result:-

Created a new virtual hard disk and also allocated storage to that.

Ex-6:-

Demonstrate Virtualization by installing Type-2 hypervisor in your device, Create and Configure image with a host operating system.

Aim:-

To demonstrate virtualization by installing Type-2 hypervisor in your device, Create and Configure VM image with a host operating system.

Procedure:-

Step-1: Download VM ware workstation and installed as type 2 hypervisor

→ VM ware workstation player is downloaded then need to create a new virtual machine in that VM ware workstation.

→ For this we need to download UBUNTU (or) tiny OS ISO image file.

→ Do the basic configuration setting

→ Select the Linux and then select Ubuntu 64 bit then click next button, they will provide a location if u want to change we can browse in your Laptop (device)

→ we can accommodate the size based on the device storage.

→ click next button they will ask you the details and also password for this.

→ Ubuntu will show a center R where are you from.

→ Created tiny OS virtual machine they will give option to change memory size & (or) → There will you need to browse the Ubuntu.

→ You can launch the VM you can see that in VM ware workstation.

- you can launch the VM. You can see that in VM were workstation.
- After that by using the password you need to work in it.

Output

Memory 2 GB

Processor 2

Hard disk 20 GB

CD/DVD Auto detect

Network adaptor NAT

USB controller Present

Sound card Auto detect

Pointer Present

Display Auto detect

Result
=====

Created a virtual machine with 1 CPU, 2 GB RAM, and 20 GB storage using type-2 hypervisor. Virtualization software

host operating system

Ex - +
cpu, 2GB Ram and 15GB storage Disk using type -1 virtualization software.

Aim :-

To create a virtual machine with 1cpu, 2GB Ram and 15gb storage disks using a type -2 virtualization software.

Procedure :-

- Download VM Ware workstation and install as type -2 hypervisor.
- Download Ubuntu (or) tiny os as image file.
- In VM ware work station > Create New VM.
- Do the basic configuration settings.
- Create tiny os virtual machine.
- Launch the VM.
- We can accommodate the size based on the device storage.
- Click next button they will ask you the details and also password for this.
- Ubuntu will show a interface where you turn.
- Created in your virtual machine there will be an option to change memory size.
- After that by using the Pass

Output

memory 2GB

processor 2

hard disk 20GB

CD/DVD Auto

Detect

network NAI
adapter

USB Controller Present

Sound Auto
detect

Result

Created a new virtual hard disk and
also allocated the storage to that disc.

After

memory 2GB

processor 2

hard disk 20GB

CD/DVD 20GB

network

Auto
detect

USB controller Present

Sound Auto
detect

Auto
detect



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Ex-9

Create a snapshot of vm and test it by loading the version cloned vm.

Aim:- To create a snapshot of a vm and test it by loading the previous version / cloned vm.

Procedure:-

- Go to vm ware work station.
- Create files on desktop
- Click on vm and select snapshot → Take Snapshot.
- Snapshot is being Done
- Add description.
- Click Take Snapshot
- Now click on memory and choose 1 GB
- Take Snapshot again
- Now click on vm and Then choose the Snapshot
- Click go to
- Choose Snapshot will be viewed
- Select the microsoft windows in guest os.
- Give visual machine name & click next.
- Select the ~~Specify~~ Disk capacity & click next.
- Now it is lead to create vm & click Finish.
- Snapshot is Being done
- we cannot done when it is powered on suspended.



output.

memory 2GB

processor 2

hard disc (ssd) 20GB

Sound Auto detect

Network adaptor nAt

USB controller present

Sound card Auto detect
no change

Result:-

Create a snap shot of a vm & condit is tested with previous vm.



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to change hardware compatibility of a vm and either by clone / create new one) which is already created and configured?

Aim:- To change hardware compatibility of a vm either by clone / create new one) which is already created and configured.

Procedure:-

- Go to VM ware work station.
- Right click the vm and go to the settings.
- * Add hardware opt and select SCSI and click next.
- Click now virtual disk.
- Give the name and disk the Finish.
- Maximum disk size has to choosed according user requirements.
- Click next then Finish.
- Now created virtual machine will be displayed.
- * Change the no. of processor in the vm.
- Hard ware compatibility of vm will be changed.
- * Select the microsoft window in guest os.
- Give virtual machine name.
- * Select the specify Disc capacity & click next.

Follow the steps to create your own virtual machine
• Click on the new icon and click right click
• In context menu choose

Create

After

Cloned

Memory : 8 GB

Processor : 2

Local disk : 20 GB

CD/DVD : Auto detect

USB controller : Present

Sound control

No change

memory : 2 GB

Processor : 2

Hard disk : 20 GB

CD/DVD = Autodetect

USB controller : Present

Sound control : Auto detect

Result

Created a virtual machine and also clone of VM and that has been compared



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Create a cloning of vm and try loading the previous version/ cloned vm.

Aim:-

To create a cloning of vm and test it by loading the previous version/ cloned vm.
Procedure:-

- Go to VM Ware Workstation.
- Create a virtual machine with 2GB Ram. Run VM.
- Create a virtual machine with 4GB Ram.
- The cloning of VM is launches.
- After installing the VM work station. For installing this we need to check which OS suitable for our system.
- Then select the option as VM Ware workstation Pro 17 for windows.
- After installing VM Ware installation → open that VM Ware work station and create the new Create Virtual machine.
- Click typical & click next
- Later click, it will install the OS & click next
- Select the Microsoft window in guest OS
- Give virtual machine & click next
- Select the specify disk capacity & click next
- Then we can compare the changes before and after cloning.

Output

memory	2GB
processor	2
Hard disk	20GB
CD/DVD	Auto defect
network Adapters	NAT
USB controller	Present
Sound control	Auto defect

memory	2GB
processes	2
hard disk	20GB
CD/DVD	Auto defect
network Adapters	NAT
USB controller	Present
Sound control	Auto defect

Result:-

Created a virtual machine and
Clone of VM and that has been
Completed.



Demonstrate infrastructure as a service (IaaS) by creating a resources group using a public cloud service provider (Azure), configure with minimum CPU, RAM, and storage.

Aim:- To demonstrate infrastructure as (IaaS) by creating a resource group using public cloud service providers configure with CPU, RAM and storage.

Procedure:-

- Create an account in microsoft
 - Go to Resources group and create a resources group.
 - Give necessary things for resources group
 - Now create a VM with your IP as user name and password for VM.
 - Now initialize the virtual machine size
 - Created a new windows virtual machine
 - For installing this we need to check which OS suitable for our laptop.
 - Select the option as VM were work station.
- Pro 17 For windows this support my system that VM were work station after installing VM were installation open the new virtual machine and check.
- Click typical & click next

- Select the microsoft windows in guest OS.
- Give virtual machine name & click next
- Now it is ready to click finish.
- Then we can configure, it means we can change if we needed.

Output

memory : 2 GB	Processor : 2
hard disk : 20 GB	CD/DVD : Auto detect
network adaptor	NAT
USB Controller	present

memory : 3 GB	Processor : 2
hard disk : 30 GB	CD/DVD : Auto detect
network	NAT
Adaptor	NAT
USB	present
Controller	present

Result:

Created a clone of VM and then changed the hardware configurations.



Demonstrate the infrastructure as a service by creating a virtual machine using cloud service provider, configue with required memory and CPU.

Aim:-

To demonstrate infrastructure as a service by creating a virtual machine using a public cloud service provider (Azure) configue with required memory and CPU.

Procedure:-

- Go to microsoft azure.com.
- Create a new account on microsoft azure.
- Goto basic group and Create Resource.
- Give necessary things for A Resource group
- Create a new virtual network to create a new virtual machine.
- Now Create a virtual machine with IP address with a Username and Password for the virtual machine
- And your virtual machine is now developed.
- Now connect the virtual machine and pass word for the virtual machine.
- Now Connect the virtual machine and download file to open new windows Virtual machine.

output

Quantity	Price	Total
10	100	1000

Result:

=

By using the Oracle Infrastructure as a service the resources group was created and verified successfully.

• Oracle Database 11g
• Oracle Application Server
• Oracle WebLogic Server
• Oracle Grid Infrastructure
• Oracle Database 11g
• Oracle Application Server
• Oracle WebLogic Server
• Oracle Grid Infrastructure



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Demonstrate infrastructure as a service by establishing the Remote connection, Launch the Create VM Image and run in your Desktop.

Aim:- To demonstrate infrastructure as a service by establishing the remote connections launch the Create VM image and Run in your Desktop.
Procedure:-

- Create an account in Microsoft Azure.
- Go to Resources group and Create resources group.
- Give necessary group and Create resource group.
- Give necessary things Resouces group.
- Create a Virtual network for Create virtual machine.
- Now The virtual machine is Developed.
- Create a VM Image, through console, Create Virtual Image by Specification and other configuration.
- Launch the virtual machine using image you created - You will able to access and control the VM Remotely.

Output:-

Remote Desktop connection.

1. Remote access the server is not enabled.
2. The computer is turned off.
3. The remote Computer is not available.

Result:-

Thus the virtual machine is created and remote connection is established successfully.



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Ex :-

Demonstrate platform as a service create and configure a new vm image in any cloud service provider.

Aim:-

To Demonstrate SaaS service create and configure a new vm image in cloud service provider.

Procedure:-

- Go to Azure Portal and sign in with azure account
- Create a new resources then search for web app and click Create
- Choose unique name for web app, select appropriate subscription, resolve group and operating system.
- Choose runtime stack, your web app and configure settings at needed
- You can deploy web application code to the azure app service.
- This can be done in various methods like Git repository from virtual studio, or using continuous integration.
- Once the deployment is done you receive an URL where you can access the web app.



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Output:



Recycle
bin.



1 Allig3

Result:-

Thus the vm and vm image is created and tagged successfully.



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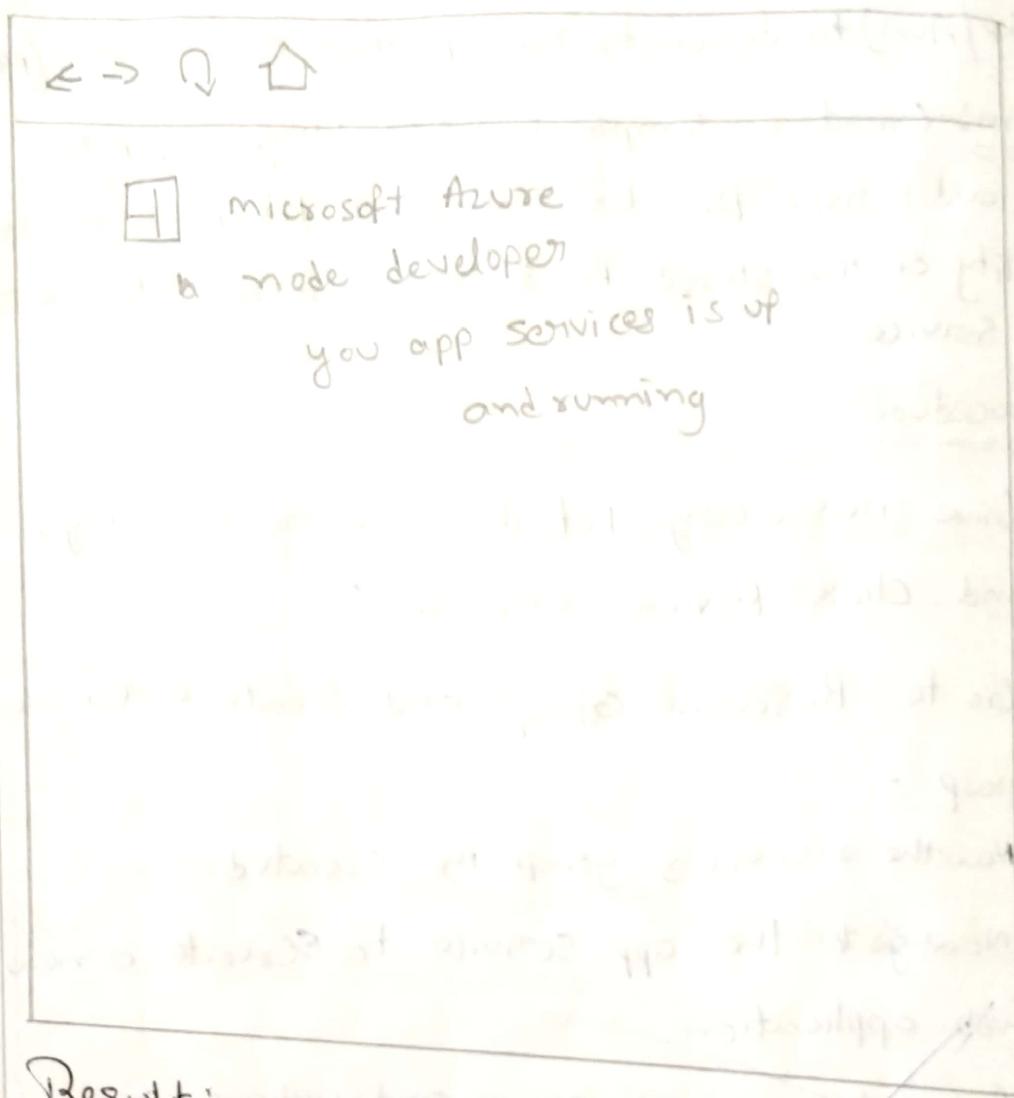
Ex-16

Create a simple web application using Java or Python and host it on any public cloud service provider (Azure / GCP / AWS) to demonstrate platform as a service (PaaS).

Aim :- Create a simple website using any public cloud service provider and check the public accessibility of the stored files to demonstrate storage as a service.

Procedure :-

- Give necessary details in basic and tags and click Review and Create.
- Go to Resource Group and Create a resource group.
- Now the resources group is created.
- Now go to the app service to create a new web application.
- Enter the resource group and webapp name and Select region and Select Linux OS.
- After enter the all necessary things. Click the review and create the web application.



Result: Node.js app named "NodeApp" is created and deployed successfully.

Thus the web application is created and successfully executed.

Demonstrate SaaS create and configure new VM image in any public cloud service provider

Aim:- To demonstrate storage as a service create and configure new VM image in any public cloud services provider.

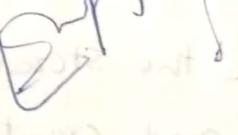
Procedure:-

====

- Go to Azure portal and sign in with your azure.com.
- in Azure portal click on Create resource then search for storage as services account and click Create.
- Select the appropriate performance and replication option and specify the Resource group.
- once the storage account is created navigate to it and create a new container.
- Configure container with unique name
For container, set the access level and click Create
- upload any file and after uploading the file you can get its public URL.

Output:-

	Output	Input
	trash	
	Technique	
		
...		

Output :-
trash
Technique
Blank square
...
Result :-
 
Copy

Result:-

Thus the SaaS. For a VM.
Image is created and executed
successfully.

Ex-18.

Create a SaaS using any public cloud service provider and check the public accessibility of storage file to demonstrate storage as a service.

Aim:-

To Demonstrate a storage as a service using any public cloud service provider and check the public accessibility of storage files to demonstrate storage as a service.

Procedure:-

====

• Go to Azure Portal and sign in your Azure account.

→ Create a new resources then search for storage as a account and click create.

• Choose a unique name and select

like appropriate configuration for resources group.

• Once the Storage Account is created then create a new container.

• Choose the unique name for Container then create a new container.

• After uploading file, click on the uploaded file name in the container to view its properties.

Output:-

==>

←→ Q

website: windows.com

≡ Run

Home about

Service.

we offer modern solutions.

for growing business,

expanding market

Get Started

all these must connected with a firm
which works best towards a ~~firm~~
that has more original product

Result:-

The storage as a service was
created and successfully
executed.

(OKEN)

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Database as a Service (DaaS) Create and Configure a new VM Image Cloud Service provider.

Aim:-

~~CC~~

To create a database as a service, create and configure VM Image in any cloud service provider.

Procedure:-

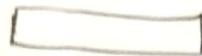
* Go to Microsoft Azure.com.

- ~~Login with your any of your E-mail id.~~
- Create resource group of any name
- Create a SQL Database and Select the resource group which was created
- Enter the Server name and name of the database uniquely.
- In Networking Select allow azure service and resources to access servers
- In Additional Settings Select Sample
- The Database is Deployed.

Output

← → ↵

home >
microsoft sql database, new database.



Cancel



Refresh



Delete

① Your deployment is

Complete.

[Go to Resources]

Result:

Thus using Paas the VM image is created and successfully executed.

Ex-20

Create a SQL storage service and perform a basic query using any cloud service provided by (DaaS).

Aim:-

To create a SQL storage service and perform a basic query using any cloud service provided by Database as a Service.

Procedure:-

- Go to Microsoft Azure Students portal.
- Login or create account with any of your E-mail id.
- Now Create a sample resource group.
- Now Create a new Service SQL database and select the resources group which was created.
- Enter the Server name the name of the database uniquely.
- On networking select allow Azure service and resources to access servers.
- In additional setting select simple.
- The database is being created.
- Now Create a table with some entities unit.
- Now try to retrieve those database using SQL queries.

Output :-

OK/Query editor
Query & Run.
Create Table
for registration form
Field Name.
Reg no. (integer)
Name (varchar)
marks (integer).
selection (ip2) will have a check box
row id (auto increment and total 10)

~~Result:-~~

The SQL is created and successfully executed.



Install hadoop 2.x and configure the namenode and datanode.

Aim:- Install hadoop 2.x and configure the name node and datanode.

Procedure:-

- make sure we have installed java on the system.
if not then

\$ sudo apt update

\$ sudo apt install开放-JDK.

- Download Hadoop 2.x package from official website and extract it by using.

\$ cd / - sudo tar xzof hadoop-hadoop-x.x.x.targz

\$ edit basic files or both profile to set necessary environment variables by.

\$ source ~~in~~ bashrc.

* Configure Hadoop directory and modify the configuration files.

\$ cd Hadoop- Home /etc/hadoop.

\$ sudo nano hadoop-env.sh.

\$ sudo nano core-site.xml.

- Add configuration inside.

* HDFS site = XML.

\$ cat & home / ssh: id -Sa -pub > Home / ssh/ authorized_keys.

- Click it should work

- SSM local Host

- Install Hadoop.

// extract hadoop 2.7.2.

\$ Sudo Pass XWRF hadoop = 2.7.2 Bal - 72
1) creates a folder "hadoop" inside \$ /local
\$ Sudo mk disk - plused /hadoop

```
local host $ cd / | exposures.html  
drwx xx-xx-xx houses Super group.
```

```
drwx xx-xx-xx houses Super group.
```

```
drwx xx-xx-xx houses Super group.
```

```
drwx xx-xx-xx houses Super group.
```

Result:

The name node and data node is created and executed successfully.



ex-23.

Launch the hadoop 2x & test the map reduce with hadoop.

Aim:-

To create a hadoop 2x and test the map reduce platform with hadoop.

Procedure:-

- open terminal

```
$ su hadoop  
Pass word.
```

```
$ start_dfs_and_mapreduce_site.  
$ cd /use/local/hadoop /hadoop 2.7.2/bin
```

```
$ start-dfs.sh  
$ start-yarn.sh  
$ jps
```

- check the hadoop through web UI

```
http://local host : 8088  
http://local host : 8080
```

```
• Local new terminal  
$ cd desktop/hadoop  
$ hadoop fs -put input .datg  
$ cd input  
$ cat >> hello-Hm
```

```
$ cd input data.
```

```
$ cat >> hello-Hm
```



* Download and open eclipse by creating a new work space.

* Add Jar file from

luser@local:/hadoop/hadoop-2.7.2/share/hadoop/common
luser@local:/hadoop/hadoop-2.7.2/share/hadoop/mapreduce

```
→ local host:50700/explorers.html,1}
```

draw	x5 - xs - x	hduser	Supergroup
draw	xx - xx - x	hduser	Supergroup
draw	xx - xx x	hduser	Supergroup
draw	xx - xs - x	hduser	Supergroup

Result :-

Thus the map reduce function is created and executed successfully.

Launch the hadoop 2x and perform map reduce program for word count problem.

Aim:-

To launch the hadoop 2x and perform map reduce program for word count problem.

Procedure:-

- * open terminal
- * set hd user
- \$ password.
- * Start dPS and yarn services!
- \$ col / user / local / hadoop / hadoop 2.7.2 / sbin
- \$ start-dfs.sh
- \$ start-logon.sh
- \$ jps
- * check hadoop in web vi
- 1/ Go to browser http://local host 50070.
- ~~http:// local host = 8088.~~
- * open new terminal
- \$ cd desktop /
- \$ mk dir input data
- \$ Ed input data /
- \$ cat >> hello > txt

* Download and open eclipse and create work space.

* Add postill form.

/user/local/hadoop/hadoop-2.7.2/share/hdfs/common
/user/local/hadoop/hadoop-2.7.2/share/hadoop/mapreduce

• word count program

- word count java
- word count mapreduce - Java.
- word count reduce - Java

• & hadoop jar word count

Jar/user/local/hadoop/input/user/
hadoop/output/

* To view the result in old terminals,
p helps des cat /user/local/hadoop/
output/
/part-xoom,



hadoop-1@Ubuntu:~\$ project \$ hadoop
is - cat /output/hadoop & own post name

*!

```
all file read and count of  
and  
Count 1  
Count 2  
for i  
Input i  
is  
Tabl  
map  
takes!
```

Result :-

thus the map reduce program cmd
word count problem is created and
successfully executed.



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Ex-21

Perform the basic configuration setup for installation Hadoop like creating ~~the~~ an such local host.

Aim:-

To perform the installation of Hadoop like the creation and Configuration acts and Host.

Procedure:-

- The first thing is setup the web on your System, Run the following Commands , and Proceed.

\$ sudo apt-add-repository ppa, we
ubuntu & Start/ Java.

\$ sudo apt-get update

\$ sudo apt-get install openjdk-7-jdk -java-installer

These steps must be followed for
install Java.

\$ sudo addgroup hadoop

\$ sudo add user to cluster sudo.



Install ssh and create configuration

```
# sudo apt-get install ssh  
# su cluster  
# ssh-keygen -t rsa -P ''
```

instead.

Resource management state.

Resource manage Hm state.

State.

Resource manage version.

Hadoop version.

Result:-

Thus the SSH creation was created and successfully executed.

