. No. 5
Expt. No
Expt. Name Implementing Raspberry Di as Local Date:  Server by installing Apache, PHP and mysel
Sower by installing Apache, PHP and mysol
Ain:
Jo implement Raspberry Pi as local server by installing Apache, PHP and mysel
process:
Processing and the second seco
Step 1 - Install Rarpberry pi in the system.
Get Raspberrypi and an sD card with atleast
8GB capacity and class 10 speed.
Step 2 - Download the operating system you want to
use from the official Raspberrypi website
Step 3 - Use Raipherry Pi imager to flash the operating
system image to the 'sD card.
Step 4 - Insert the SD card into Raspherry Pi's SD card
Steps - connect keyboard, mouse and monitor to the
Raspberry Di
Step 6 - Connect the power supply to the Raspberry Pi and power it up and save 2p address of pi's Step 7 - Tollow the instructions shown on the screen
and power it up and save IP address of Pis
Step 7 - Jollow the instructions shown on the scrien
to set up the operating system.
After installation, update and Rutart your Raspbury Pi
After installation update and Restart your Raspberry Pi Sudo apt-get update (To get new versions of packages) Sudo apt-get upgrade
Sudo apt-get updrade

Expt. No.	Page No25
Expt. Name	Date :
	To determine
Installation of Apache:	
Sudo apt-get install apache2	
Now chick Apache is working or not. For web browser and enter your raspberry pi's in the address bar you will see the Apache default page	that open IP address
you will see the Apache default page	
Jo get the IP address of Raspberrypi, us command: Sudo raspi-config	e the following
Installation of PHP:	
Sudo apt-get install php	
check PHP working or not, for that creating the Apache root Directory	te a PHP file
in the Apache root Directory Sudo nano/var/www/html/info.phy < 9 php	
php into();	
Save and exit the file	
Now rutart apache service by using follo Sudo / etc/ init. d/apache2 sustant	wing command:

Expt. No	Page No
Expt. Name	Date :
Installation of mysql:	
-> jo install mysql use the following sudo apt-get install mysql-su	command
-> jo secure mysql install mysql-	secure
sudo mysqi-secure-installation	
Now create a mysql user and Dat	abase
mysql-u root-p	
CREATE DATABASE mydatabase;	
CREATE USER 'myuser "Q" local host'	IDENTIFIED BY
" my passwo	ord";
GRANT ALL PRIVILEGES ON mydataba	ic. * To
myuser "@" localhost'	;
FLUSH PRIVILEGES;	
Installation of phpmy Admin:	
	2 101
He install phpmyAdmin to manage	our mysel
database	
Use the following command:	
Sudo apt-get install phpmyadmi	in-4

- N	00	
Expt. No	Page No29	
Expt. Name	Date :	
NOTE:		
During the installation, you will	be prompted	to
configure Phpmy Admin. Then choose	Apache. As	the
Owring the installation, you will configure phpmy Admin. Then choose web server and enter your engage when prompted.	root paiswor	d
was been Deamoted.		
where prompted.		
101 - 1 - 1 - 1 - 1 - 1 - 1 - 1	and daying by	u.
After installation you can access pro	my Flamur D	J
After installation you can access pho visiting https://localhost/phpmyA	amen	
· ·		
Results:		
	a a local	
Hence Raspberry Pi is now set up a Sewer running Apache, pHp and implementation is successful and i	MUIDI: The	,
Cooling Space, prop and	e yeard for	
	s really 70)	
blogging.		

implementing Rasphereng pi as truck Output polyment earphorny pe as load sound by Default Gateway 192.108.1.254. get parphrouppe and an is could with alleast egs capacity and class to speed. we from the official Rasphereype website we rapperly pi images to flush the operating sustem image to the 20 cond frest the SD could into Raspharypis SD could connect keyboard, mouse and monitor to the Output cornect the power supply to the R [OK] restarting apache 20 que de sono follow the instructions shown on intollation update and Rubant your Raspbury pi