	Date
Ext	ot. No
	Aim: - Install and run Pig then write Pig latin suipts to sort, and filter your data,
	Theory:
	Apache Pig: - It is a high level platform for weating programs that run on hadoop. It is used to analyze large datasets using a scripted language. Called Ag latin.
	Procedure :-
1)	Creating two CSV files:
	1st file:
7	nano dala-csv.
	add sample data
	John 30
	2, Fam, ur
	3, Karn, 56
	and filp:
-5	nana others data · csv
-	I · NR
	2. Finance
	2 T.T
_	5.,
+	
_	
	Teacher's Signature :

		Date	
Ex	cpt. No	Page No	村
6	Filter the data:	,	
=>	F = FILTER A BY age > 25;		
	BUNB F.		
	. /		
	learning Outcomes: -		
	V		
•	Understanding of Pig latin		
6	learn how to load date from	CSV.	file into
_	learn how to load date from Apache PIG using the LOAD statemen	-	
_			
•	Gains the ability to sort datas specific fields using ORDER	sets 1	based on
_	specific fields using ORDER	By U	and,
+			
\dashv			
\rightarrow			
\dashv			
	Teacher's Signate	ure :	

	Date
Exp	ot. No Page No
(1)	Open agoop and connect MysqL with it to. import the table created or viewed into MDFs For importing files: sqoop import for exporting files: sqoop export
	learning autromes:
0	I learnt about Apache Sycop in Hadoop I learnt about the import and export commands I learnt about the MysqL and its uses.
	Teacher's Signature :

	Date
Ex	pt. No
	Experiment - 8
	Aim: - Analyzing data with watson studio, run through a sample notebook in Watson Studio
	Theory: - IBM Watson Studio is a doud- based data science and machine learning platform that enables users to prepare, analyze, and visualize data using various tools and libraries like Lupyton, R and Scala.
	Software Required :- IBM id, Intornet, Web Browson
	Procederie !-
1)	Accessing Watson Studio: Go to IBM cloud and log in your account open watson studio from dashbourd in the catalog. Greate a new project in Watson studio.
2	Import the Sample Notebook: Go to Asset tab and click to add to Project. Select Notebook from option (reate new notebook or import existing sample notebook
	Teacher's Signature :

			Date
Expt. No			Page No
	pen the notebook your a cell, d wift t Enter ax walizing Results: ter exculing the dization and out on the data		
Jeann	ing Outcomes		
<u> </u>	ung exactorings		4.
· I · I · · I · · · · I · · · · · · · ·	son	the different The cellaboration	services in
		Total 1 A	
		Teacher's Signatu	re:

	Date
Expt. No	Page No
Then, this sample date is overwritten in the Big sql earlier.	e in big sql follow re talde croated in
learning Outcomes:	
o I learnt about the I learnt how to data from different	re Fluid Query ne BigSqL. query and analyze Advices
(;	
	Teacher's Signature :

MAN

Date	
Expt. No1. O Page No	
Exposiment - 10	
Alm: - Implement Hease commands	
Thony: - Hease is a distributed, non column oriented database built on top Hadoop Hers. It is designed to hand amount of spanse data in a scalable and tolerant may.	- relational of large fourt
Rocedure :-	
1. Type 'hbase shell' to open hbase.	
2. Create table ti by typing the command li create 't1', 'name', marks'.	ine
3. Type command, put 't 1', '1', 'name; fram 'Anandita'.	<u>-e', </u>
y. To view the table timestamp, use comman scan't1'.	
5. In order to disable the table or check table is disable, we use disable 't1' or is_c	the disabled to
Teacher's Signature :	

Teacher's Signature: