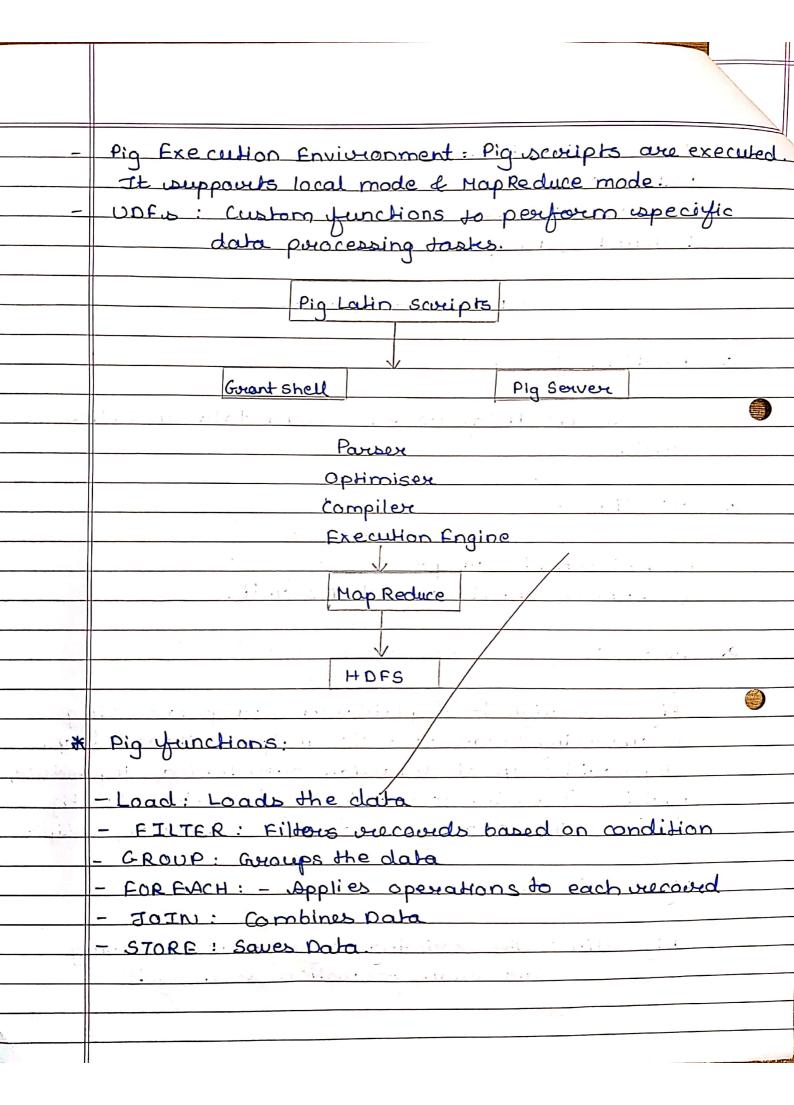
/	
4	Name: Tejas Redkar
	PRN: 10322 10937, Panel-C
	Roll No: BD7-22
	Batch: 1 [BDT-2]
	baren: 1 [[307-2]
	GDT Lab Assignment - 8
	Purablem Statement
	. Dentage in the second of the
	Cueate pig database & perform data analytics
	on u.
*	Objectives:
	1) To leaven pig concept 2) To peryforum data analytics on it.
	2) To perytorm dara analytics on a.
~	Theorem:
*	Theolog.
	Pig is a high-level platyours you puro cessing
	L'analyzing large datasets in Apache Hoteltadoop.
	It perovides an abstraction over Hadoop MapReduce,
	making it easier to work large-scale data. Pig
	Latin is the language used for wwiting Pig scripts.
	minimal and a second a second and a second and a second and a second and a second a
6	Pig Avichitecture:
	Girit Ason tiltor
	pig Latin: The swipting language your defining
	Pig Latin: The swripting language for defining data transformation & analysis.



*	Platyarm: 64-bit Open source windows
*	Conclusion: Hence, I learned to create Pig Latin Perogram to perform data analytics
₹:	FACIS
QI) Ans	Durite a Pig occuripts to perform JOIN operation. - Ourderes = LOAD 'ourders - data' USING Pigstouragel',') As lourder-id int, ourder-data): char array, customer id: int).
(12)	- customers - LOAD 'customers - data' USING Pigstowage(',') AS (customer id: int, customer name: Char array); - joined - data = JOIN ourders By customer - id, customers By customer - id; - STORE joined - data INTO 'output - data';
(12) (Ans	Explain complex data types in Pig. Pig Tuple: An oved exed set of fields. Example: '(1, 'Alice'); Bag: An unavidered collection of tuples Example: '{(1, 'Alice'), (2, 'Bob') };
	Map: A Key value pair collection Example: ['name # Alice, id # 1];

3)	state examples of Pig technology which can
9	be used with hadoop.
: Ans	•
	mechanisms, including Pig on Tez, integration
	with Heatelog your metadata, custom UDKs,
	de Pig estourage youngtions your different data
	yraymaks.
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