clear exec [-pain parameter-name = perm-value] [- Param help sun parameter-name = perm-value] stight. history runarexe 1 fig I difference gron froit runarexe 1 fig I difference gron thecution in batch made run—commands in history pig -x local simple-stript-pig  pig -x mappheduce simple-script-pig			
A .			
operators	Case when Then else end		
+			
Q-	Carl fritz		
4			
/ 1	when a Then		
dision	teven!		
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==	end.		
	C1 (1.		
!= matches:			
>= Patton makh			
<u> </u>			
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P line Coul is 1 1			
Loading (08) reading d			
pelationrand -> rame to ston	edata.		
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A .	using dunction as scheme		
Hat local	Sel Yord		
based on Pig exerction mode	<i>function</i>		
pig endollor	) · · · · · · · · · · · · · · · · · · ·		
	B'in Storage		
shema = (colf (0/2)	Json Coader		
(al)			
Pigstorage.			
(coli darargre, cole digre) Text ander:			
without schema, colours Bol, \$02, \$03, \$04,			
	14001 604,		

Dump A-Sstatment (relation)		
There ecute (ruh) pylatin statement &		
display output		
storing data single line comment		
Stox Relation-name into Spathloslox) (using		
function I		
a who make coolly create		
Store Relation A into " In Tud" using		
Dig Storage.		
D'ignostic Operator:		
12 load 3 Just load data to specified relation to very load we us Dignostic Operation.		
to very load the us Diamostic Operation		
of officers.		
4 different types of dignostic operators:		
*Dump Operator		
- Describe operator		
Explanation Operator		
*Illustration Operator.		
Dump Operator > von latin statement Gogive.		
coxdichlan associations		
ordisplay output on screen.		
Dump relation-name;		
Describe operator > view schema direlation.		
Describe relation name:		
Explan operator -) shower display logical,		
physical, Mapreduce rexecution		
plans of a relation.		
And the state of t		

illustrak operation -> give step by step creation. of sequence of statement
Giroup Operaior
Group: group the data in one (or)
ements.
Grouped-data = GROUP relation-name By age
Group molti-ol data, feild.
2 - 011001
(age, city);
to group all column
to group all columns.
group-all = GIROUP relation rame MI;
Cogroup
Same like group operator
Com Group work on 1 relation
convoy > 2.(or) mox relations
Cogroup data = Cogroub Al by Cli Az by (2)
convoup -> 2.(or) mox relations
Cogroup data = Cogroub Al by Cli Az by (2)
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Cogroup data = Cogroub Al by Cli Az by (2)

#
Join
self-Join
Inner-Join
outer-Join - (left Join, right Join, full Join)
zirelations : customers = Cid: intrame: Chararray;
age: Intraddress: chararray,
solary: int)
order = (oid: int, date: chararray,
eustomer_id: int, amount: int)
Wc
stelf Jain - Join table itself: with itself.
+ creak 2 relations with some data, sche
Syntax
dualities a Plation of her Very Relation? buton
4 relation-3 & Join Relation-1 by Key Relation2 by Keg
9 Join costomers 1 by id costomers 2 by id
both same bot Just renamed
Innerpin -
Cimo più
Costomer-order = Join Costomer by Id, order by
(oshomer_id

outer Join's
left Right Pull
retornal rows attensione relation.
lettouter 1 11 01
Relations = Join costomer by ID left outer,
rearrons - coun costomed by costomer-idj
orders by costomer-idj
Right outer
Relations = Jain costomers by ID Right Obter,
order by customer FD
$\cdot \left( \cdot \left( \frac{1}{2} \right) \right)$
what h
FullourerJoin - I return attent one relation.
TOHOU.
Relation = Join customers by ID Full outer,
orders by columnito
Join operation based on multiple keyer
syntal mother Keyl, Keys
Rejation 3 = Din coetomer by (ID, Jablo),
employee-contact by (ID it obID)

John icoss b radact of two are relation				
cross operator:				
I combine each your of one table with another				
row of another table.				
ar car malel				
Cornada Colornane				
2 Corolla 11 Carmry Black				
2 corolly Red				
cross Join 1 3 prios sliver				
(color_name)				
1 God Black				
2 Red				
3 Sliver				
<u> </u>				
lebtion3=Cross Relation 1, Relation2				
the state of the s				
combinad				
prior operator				
merge two or markrephins				
Student 1 Student				
e#				
Tunion				
ishdent?				
Shalent				
Student 1 = (id i firstname, lastname, phone city)-sorce				
Student 2 = (id, findrame, lastrame, phone, city)-50				
13 = union Student 1, student 2; -> 100 records				

splut) divide the relation into two or mox. splitting into 1 split renation into new relation name it agrzze split inputer lation into condition 1 it conditions output-relations if condition 2) filter I to select required tuples bound from a relation based on Condition Relation 2 = Filter Relation I name by condition; Distinct I remove the doplicak tuples from toples relation relations = Distinct Relational; for each Igeneral specific data brainsformations bayed on column datas Relation == Foreach Relation & Gienerak columnary to select ideager city. - For each student telation 3 = For Fach Student detalls General idraggiati order by (-sort by columns based on one or moxfield) relation-name by column (ASCIDESC); age DESEI limit - ) select Top now of Tuples

Limitadora = LIMIT student details 4.

1 1 No.	AVG
converting datatyre	CONCAT
converting datasance dates—int Charactery) dates	COUNT
Chararray date 1	DN .
	MAM
EVAL (embale) functions:	MIN
	SIR
Faxfach relation Generale	SUM
For Each relation General	TOKENEZE
AvgCJ	II of graph h
AVG ( ) -> preciding use	group and Journ
a sur of find an lastnam	e).
CONCAT ( expres firstram, lastram	
4) 2 or moxerpressions	1 2
	3, 40
count (194) - not include "	rulludues:
count (190) - not include i	
	1 1.0
Count_STAR() - Include no	olivalos
(0011/2)	
Student details	
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- Strosenie J. self	
	1 0 01 0 00000
Studentcount = FOREACH Studen	1-group-all General
COUNT	3 TAR (Student-debils
	9 Pat
DIFF(exp1, exp2)—compair bog exp2 tuple1 = exp2 tuple2 m	1
DIFF(GA), eN 2)	. <b>N</b>
expl tople1 = expl tuple2 m	eans {g-empty bag
#	return both