PO	PU Date 08 02 202)
	Fage No
	Experiment-5
g	Actions
1	create a RDD from mydota. +xt file using textfile() data = sc. textfile ("File Store / tables / mydata. + xet") data. collect()
	count the number of claners in text file,
3112	Display au the elements of a RDD using collect O data, collect O
4	Risplay first element of RDP. data, first()
5	Risplay first 3 element of RDD, data, take (3)
5	Countrykey a = sc. paraullize (("W") ("B") ("R", " W") ("O") ("WH", "I"))
	a=a.map (lambda x:(K,1)) a. countrykey().items()
	Teacher's Signature

PO	
	Page No
7	CountByValues $x = sc. parallelize((("W", (1B)') (1R') ((W') (10') ((WH') (15')))$ $y = sc. parallelize((((W'', (1B)') (1R') ((W') (10') ((WH') (15'))))$
-	r= sc. paralllize (" W", (B) (R") (W") (10") (WH") (15")
	11W/1 (1511))
	r. map (Canalida K: (K.1). country value (), items ().
8	Save the elements of the ROD as a textfile lesing
	sane As Textile.
-	r= sc, paralllize ([1,2,3,4])
	r. saveAsTextfile ("nes1.txx")
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```
Outputs:
```

Date - 08/02/2021

OUT[1] [1123456 7 89 10',
'abcd',
'2cvbbw'
'123456'

16,1

OUT[2]: 10

Out[3]: [12345678910',
'abcd'

(xcvbfw',
'sdtf',
'a23456',
'a2,
'a',
'b',
'b',

OUH[4]: (123 42 6 2 8 9 10'

OUX(5): [123456 289 101, 1abed, 12cvb[w]

Out[6]:

dict_items ([('W',3), ('B',1), ('R',1), ('O',1)

('WH',1), ('T',2)])

Out (7): dict_items ([(('N',1),3), (('B',1),1), (('R',1),1), (('0',1),1),(('WH',1),1),(('J',1),2)])

Out [8]:

Org. apache, hadoop, mapued. Filethready Excists Exception;

Output directory offs: I resistent abready eniss

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POI	Page No)
Topic	Page Nc
14	linion
3	a=sc. teretfile ("dlfs:/filestore 1 tables / Citys. +xt").
	a=sc. textfile ("dbfs:/filestore/tables/citys.+xt"). b = sc.+extfile ("dbfs:/filestore/tables/citys.+xt")
	rad = a curion (b)
	rdd.collect()
	7 4402. 44 466 67.
15	2ip
	a = se. text File ("dlys; / Filestone / tables / city +x+")
	b=sc. textfile ("dbps: Ifilestore tables city2. +x+")
	Water O zil (1)
	rad = a. zip(b)
	rdd. collect C
1.4	
16	Sultract (Cilo Clara La Ma / Cilun +20+11)
->	a=sc.textfile ("allys:/Filestore/tables/city1,+xet") b=sc.textfile (adlys:/Filestone/tables/city2.+xet")
	rdd = a. subtract (b)
	rad, collect ()
17	Intersection
	a = sc, textfile ("dbbs: /filestore/tables/city1, +x+
	b= sc, textfile ("dbps:/filestore/tables/city1, +x+")
	rdd = a. Intersect (B)
	rad. (allet ().
	Teacher's Signature

POPU			
	Date		
Topic	Page No. 16		
B cobroup: = rdd1 = sc.parallelize ([('A'',1), ('' rdd2 = sc.parallelize ([('B', 5), (''E'', cg = rdd1, cogroup(rdd2) cg.map(lambda 2:(2003, list(2)); collect()			
= rdd1 = sc. parallelize (E(A'),1) ("	B", 2), ("C", 3))		
rdd2= ec. parallelize ([('B', 5), ('TE"),	5)])		
cg = rdd 1, cogroup(rdd2)			
cg.map (lambda 2: (2003 list (2[1]	1001), list (x[1][1])).		
collect			
	and the second section of the section of the second section of the section of the second section of the section of th		
Teacher's	Significa		
S COLLET S	Vigitature .		

OUTIST (C'los Angelis), 'seattle'),

('chicago', 'las vegas'),

('Dallas', 'chicago'),

('San pranciso', 'fittlewigh'),

('seattle, 'Dallas')]

Out[16]: [csan prancisw', 'Los Angeles']

OUT[17]: ['Dallas', 'chicago', (seattle')

OUHLIED: [C'B',[2], [5]), ('E', [], [5]), ('C', [3], [])

('A', [], [])

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