(no)	
Tools	Date 15 03 202 Page No. 19
tobic	Experiment-6
0	Delving deeper ento Spark API.
	Load the rating +xxt file into patabricks cloud.
2	load the monils. +xet file into Patabricks cloud.
3=	vulate an 200 prom rating. +xt file using. +extfile(). rating = sc. textfile ("/ Filestone / tables/ rating. +xt")
->	rating = scotextfile ("/Filestore/tables/rating.txt")
4	Split the ROD leased on ":: " as a delimeter. recting-split = reating map (lambda line: line. split("::"))
	rating whit, take (1)
5	vuente a prince por mitter key being momieto and
->	volue being its rating. pair rating = rating split. map (lambda n; (int(x(0))) int(x(2))))
	pair rating collect ().
6	broup the rating by ky and display the output using takes.
- >	buroup the rating by ky and display the output using take. grating group = pain rating, group bykey (rating-group, take (5).
	Teacher's Signature

POPU° Date		
Topic	Date	
7	calculate the average rating for all monis using map Values C. rating-average = rating-group, map values (lambeda 2: sum (x) lan(x))	
8	Display 10 clements using take (10).	
9	Create a Pair RDD with rating being the key and movie to being its value and count the member of movies for a certain rating. rating id = rating-split, map (lambda a: (int(x[2]) sint(x[0])), groupbykey() rating rdd = rating id map Values (lambda v: lon(v))	
	Review the output: rating radd. collect() create a ROD from morries, +x+ pile using textfile 1. morries = sc, textfile ("Filestore / tables / morrie. +x+")	
12	split the RDD based upon":" as delineter. moviessplit = movies. map (lambda line: line.split ("")	
	mouils, split, take (5). Teacher's Signature	

CODI.		
POPU Date		
Topic Pege No. 21		
movie hame leving the value and days and the outbut		
using taker		
-> movie pair = movie split brap (lambda x: (str (n [o])		
movie name being Its value and display the output using taker movie pair = movie split. brap (lambda x: (str(r [o]), str(x[o])).		
monie pair. take (5)		
IN NOW YOU HER HOUSE IN A HOUSE and was tingue and		
in the to kind the over and marile		
along with their names.		
14 Now join the monies. tet in step 13 and nating-rdd. in steps to bind the average nating of monies along with their name. I rada join = rating average, join (morrie pair)		
Jesplay 10 clements and using take ()		
-> rua join , takels		
(same the ROD as textfile using same as Textfile)		
- radd join, save As Textfile ("result tet")		
radd = sc. +ext Gile (" result, +x+")		
rdd. take(5).		
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Date-15/09/2021 Ourbusts: ال ١١٤٤ ، ١١٩٤٥ ، ١٤٤ ، ١٩٤٥ ، ١٩٤٥] L'83, 16627, 133 (578302103)]) hu mil) donne COLLAGO wil (3, \$) one the elements of the 100 on (1,8) ame to Te cotile ? (1,3), (2,4). (10,5), -- .] 6 OUT(3): [(1), <pyppark, resultite cable. Result Iterable at 0x72676203) ("4", < pyspack, resultiterable, Result Iterable at 0x+{2C+65204), (8', < pypark, result secoule. Resultiterable at 0x7 2 c 7 6 20 5) (13), < pyspack. resultiterable. Result Iterable ext 0x7 207206)

(10), < pyspark, resultiterally. Placelt trevalle at 0x7 (207202))

3 OM(2): [615, 11-16)3 - prompt x/x/ (14), 4-19), (18) 3.28). (19) 3,22) المدر الله المدنور المد إلا الله إلا الله المال المال (112, 3.82), I loud the month that file into Eletation with boals (1167, 3.02), 8 mine on 100 from 10+1/23/1+01- more con 10 mone s (1137,3.52)) textile (). 10 DUHE87: [(4, 2 27606), (2,22014), (5, 147 187), (3,12512), a un " no because an (M3+523) 12 Out 67 L['13 CTOY Story (1395)', SAdventure childralioned'] - [12's " Jumanji" (1955), "Adventure | children | comedy"], [13; Corretenpair (1555); Comedy Komanu'] ['4', 'waiting to Fxtale (1951)', 'comedy | Drama'), E's Father of the Bourde (1995) & Comedy 2) benout the maring by the and display the auto Teacher's Signature

(12), c Flimanii (1997)?, Oculardon oria (132 , (treenpton (1997) 2 (142) "waiting to Empale (1997)? (15), (father of Dride (1937))] caplan to elements uning takel 15 out[14): [(4', (4.19, 'waiting to exhale (1955)')) (1107, (4.11, cooldon Eye (1995)')) (123, 13.82, Dracida: Dead and Louing i+ (195+1) (16%, 13.02, (Ceelnoldes) 3)), it arise as a sugar (120', C4.08', "Moning Train (1995)) (24), (3.94, 1 Broder (1995 Y)), (1262, (2.33, Cothello (1905),)) ('40), (3.44, 'ory, the Beyond Country (1995)')), (144), (3.63, 'Horral Kombat (1935)0)) (150), (3.06, wual duplets, the (1595)))] eneate a pop from mouse, ext file ensing textile Steer of the Contraction of the State of the esplie sere the broated expense:" on delimeter

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