		) —
	(i) pair Approach	
and the second makes in the second se	Number of splits = 2	
	Number of Reducers - 1	
Mapper Input	Mapper 0	Mapper 1
YIGID 1	15 91 80 12 19 80 18	
ricid 2		
Mather subst	Marple 0	Mapper 1
	((15,91),1) ((15,*),1)	((19, 15), 1) ((19, *), 1)
	((15,8),1)	((19,80),1)
	((15, 12), 1)	((19.18),1)
<b>6</b>	((15, 19),1)	((15, 80),1) ((15, x),1)
	((15,80),1)	((15, 18),1)
	((15, 18),1)	((15,19),1)
	((91, 80),1) ((91, x),1)	((15, 18), 1)
	((91, 12),1)	((80,18),1) ((80,*),1)
	((91,19),1)	((80,19),1)
	((51,80),1)	((,(81,68))
	((91,18),1)	(1,(4,81)) (1,(91,81))
	((80,12),1) ((80,*),1)	((19,18),1) ((19,*),1)
207	(1,(e1,68))	
	((12,19),1) ((12,*),1)	
	((12,80),1)	3.4
	((12,18),1)	
	((19,82)) ((19,4),1)	
	((19,18),1)	
	((80,18),1) ((80,4),1)	

(2) ((18,15),1) ((18,\*),1) ((17,15),1) ((17,\*),1) ((15,18),1) ((15, +),1) (47,80),1) ((15,18),1) ((13,18),1) ((15,88),1) ((17,19),1) ((1, (8), 1) ((17,18),1) ((18,88),1) ((18,\*),1) ((15, 80),1) ((15, \*),1) ((88,18),1) ((85,\*),1) ((15, 18),1) ((15,19),1) ((15, 18), 1) ((80, 18),1) ((80, \*),1) 12, 15, 17 ((81, 58)) ((80,18),1) 80,88,91 ((18,19),1) ((18,\*),1) (1, (4, 19)) (1, (81, 19)) 1) Shuffle Soit then Input -((12,\*),[1,1]) //3 ((12,18), [1]) ([13, (81,51)) ( (12, 80), [1]) ((IS, 12), [1]) ((15,12),[1,1,1,1,1,1,1]) ((15,19), [1,1,1]) ((15,80), [1,1,1,1]) ((15,88), [1] ((15, 91), [1])

```
Reducer input cut'd
 ((17,*), [1,1,1,1] //5
 ((17,15), (21, 51))
  ((13,18), [1,1])
  ((17,19), [1])
 ((17,80), [1])
 ((18,*), [1,1,1,1]
 ((18,15), [1])
 ((18,19), [1,1])
 ((18,88), [1])
 ((19,*), [1,1,1,1,1,1] // 7
 ((19, 15), [1])
 ((19, 18), [1, 1, 1, 1]
 ((19, 80), [1,1]
 ((80,*), [1,1,1,1,1,1,1,1]) //9
 ((80,12), [1])
 ((80,18), [1,1,1,1] 1/5
 ((8-,19), [1,1,1])

→ ((88,*), [1])

 (182, 18), [13)
> ((91,*), [1,1,1,1] 1/5
 ((91, 12), [1])
 ((91,18),[])
 ((91, 19), [1])
 ((51,80), [1,1])
```

	(4)	
	Reduer output (one Reducer)	
	((12,18), 1/3) ((91, 12), 1/5)	
Frank in the commence of the self-self-self-self-self-self-self-self-	((12, 19), 1/3) ((91, 18), 1/5)	
	((12, 80), 1/3) ((91, 19), 1/5)	
	((15,12), 1/18) ((91, 80), 2/5)	
Hadamark option of Order (Alba Boyle and Hagas (Order) and Hadamark (Alba Boyle (Order))	((15, 18), 8/18)	
alatera di Commontati di Santi salika di Santin, di Santa santa santini di Laggiani di Laggiani di Laggiani di	((15,19), 3/18)	
tions were an array and a self-control of the orbit polaries of the service of th	((15, 80), 4 (18)	
Billion des de la Comercia de la Septembra de la companya de la companya de la companya de la companya de la c	((15, 88) , 1/18)	
an sawakanikan na filoto ta amin'ny ny sawaka tahana sa sasatra ara-amin'ny nara-amin'ny sa	((15, 91) , 1/18)	-
<u> </u>	((17, 15), 1/s)	-
6	((17, 18), 2/5)	and the law of
	((17, 19) 1/5)	
	((17, 80) 1/5)	official qualitates
	((18, 15), 1/4)	BUTTON A STREET
	((18, 19), 214)	No. of Concession, Name of
Application of the contract of	(·(18, 88) 1/4)	
	((19, 15), 1/7)	Name and Associated States
	((19, 18), 4/7)	
	((19, 80), 2/7)	
7	((80, 12), 1/9)	
	((82, 18), 5/9)	
	((80, 19), 3/9)	
(5)	((87, 18), 1)	
		the same of the same



