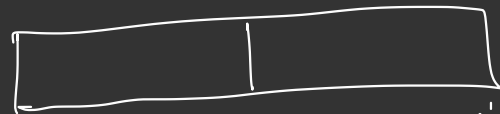




concat
→



axis = 1



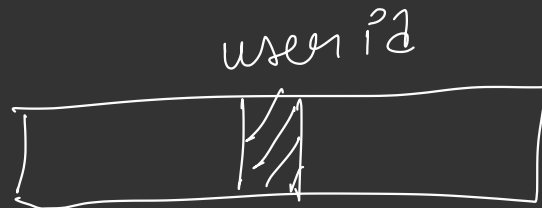
axis = 0



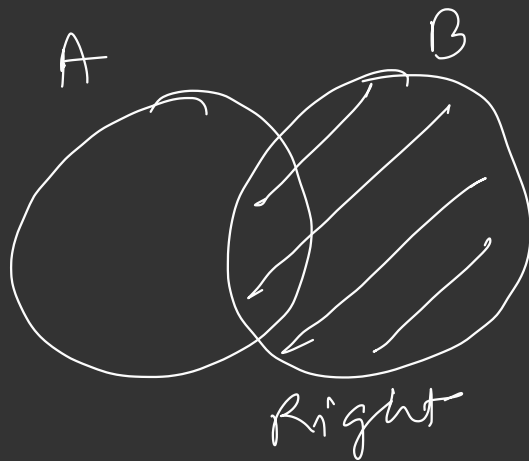
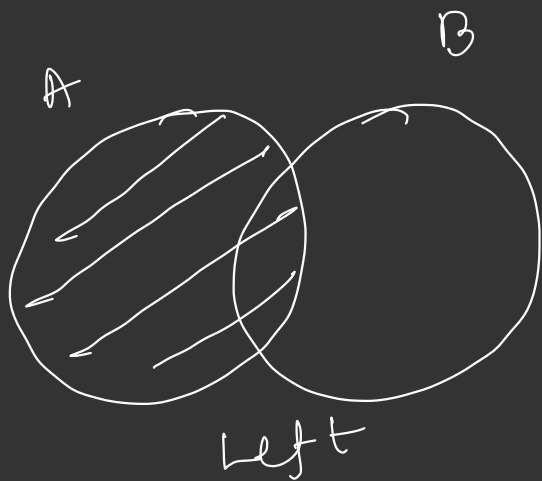
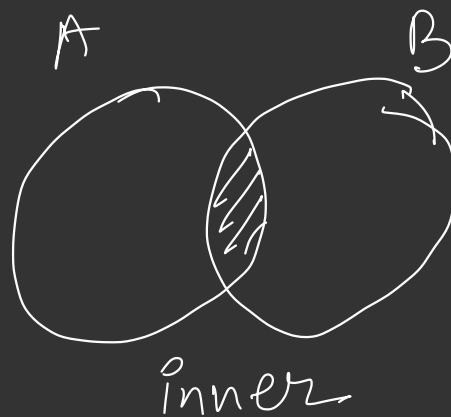
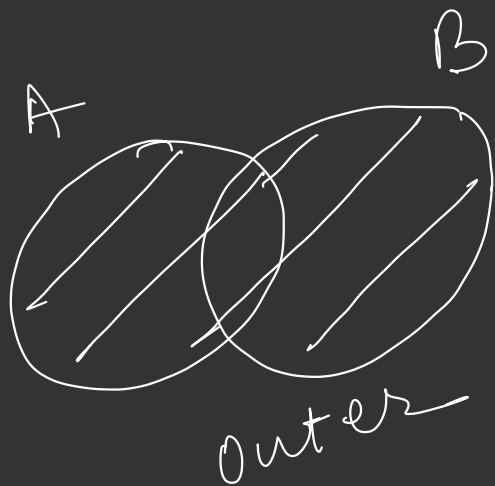
merge
→



common
column



user id



Movies

director id	movies	m_id	Dname
1	- - -	-	✓
2			✓
3			✓

Directors

Director	D_id
	10
	2
	3

