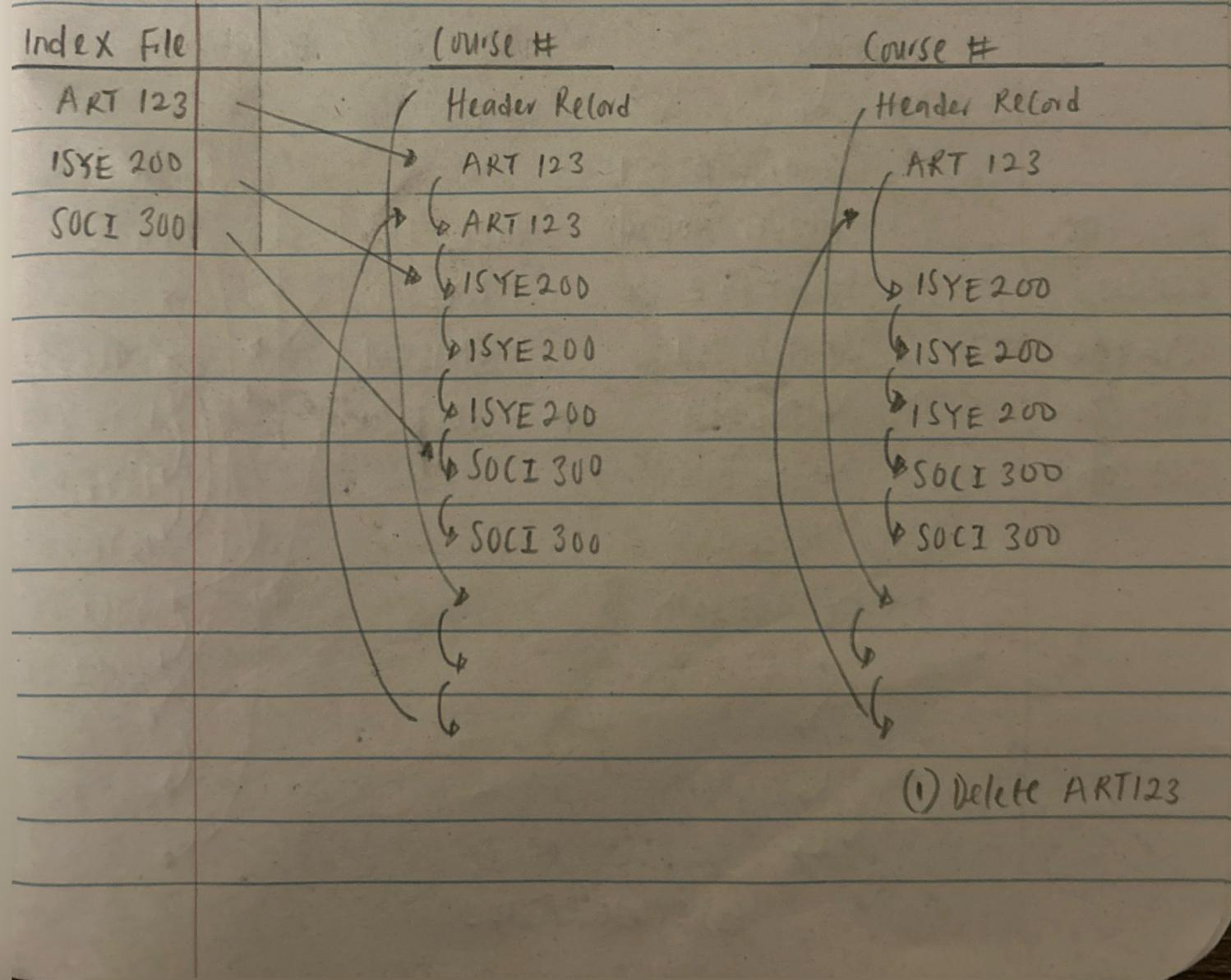
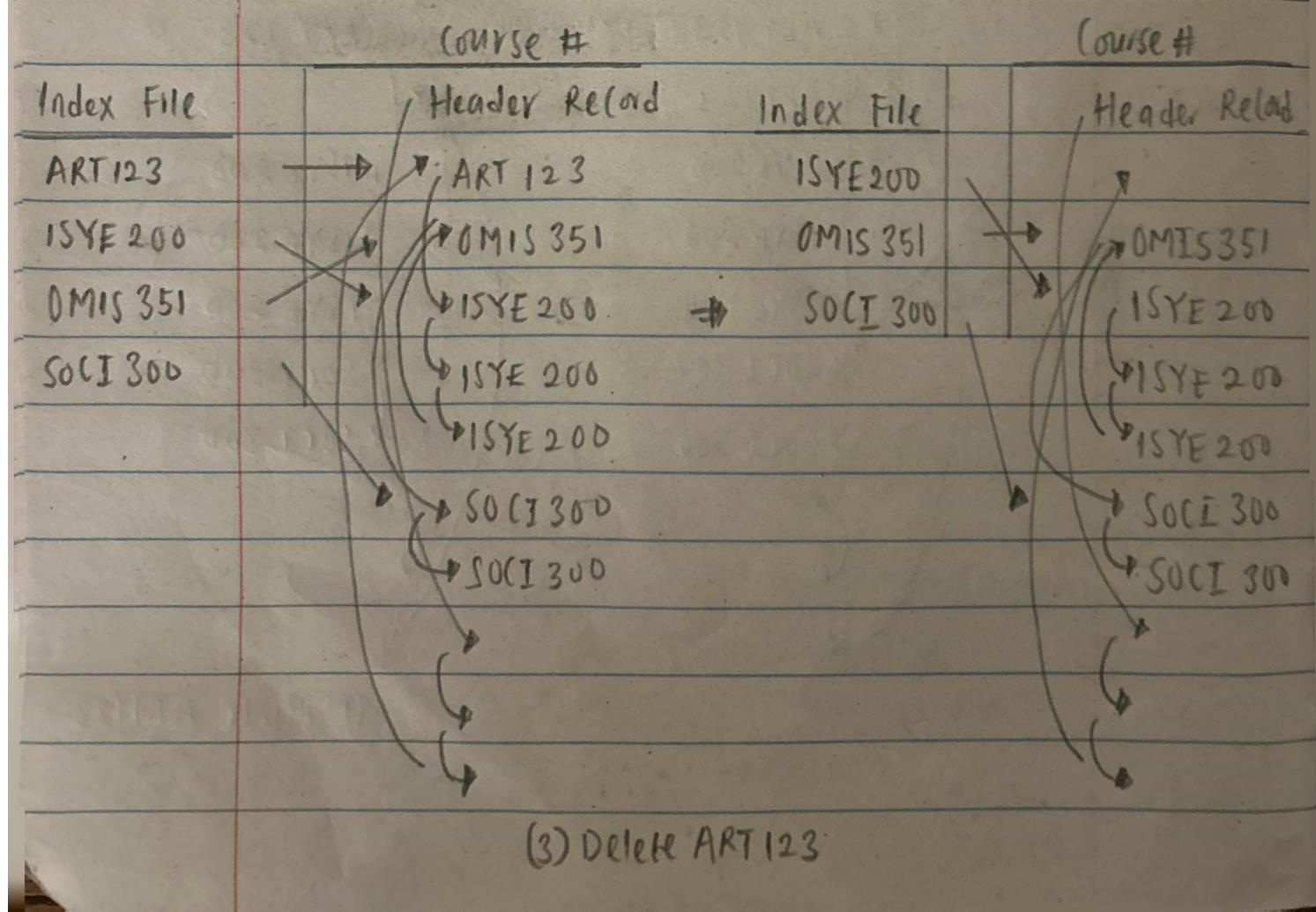
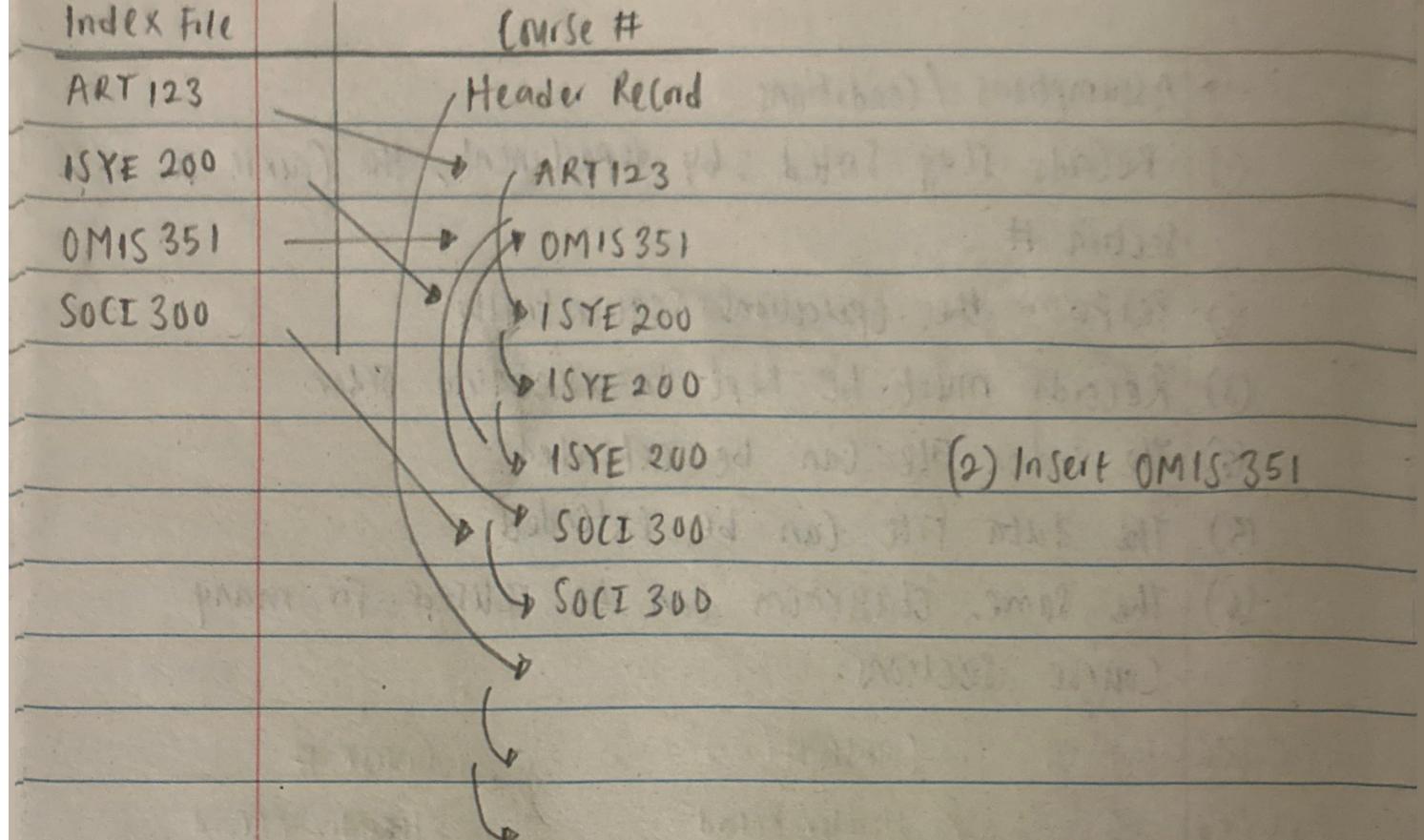


ICA 2

→ Assumptions / Conditions

- (1) Records stay sorted : by department, the Course # then Section #
- (2) Perform the operations sequentially
- (3) Records must be kept in ascending order
- (4) The Index File can be extended
- (5) The data file can be extended
- (6) The same classroom can be reused for many course sections.





Index File	Course #	Section #	Classroom
ISYE 200	Header Record		
ISYE 350	ISYE 350	P1	EB201
OMIS 351	OMIS 351	P1	BH101
SOCI 300	ISYE 200	P1	EB209
	ISYE 200	P2	EB311
	ISYE 200	P3	EB221
	SOCI 300	P1	DS301
	SOCI 300	P2	DS321

(4) Insert ISYE 350