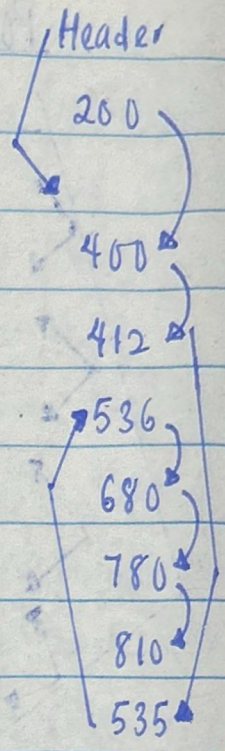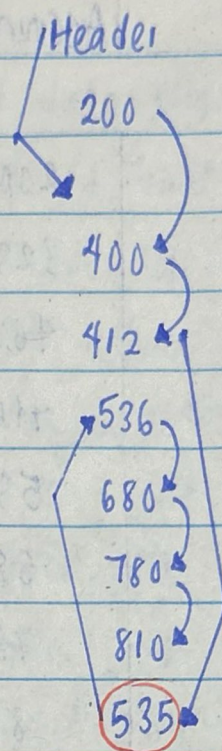| Pointer	Account #	Account Type	Balance
		Header record	
	200	Checking	1200
	323	Savings	700
	400	Checking	900
	412	Savings	500
	536	Checking	200
	680	Savings	400
	780	Checking	300
	810	Savings	500

Solution

→ Assumptions / Conditions
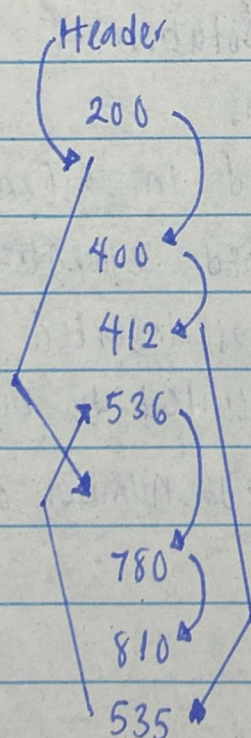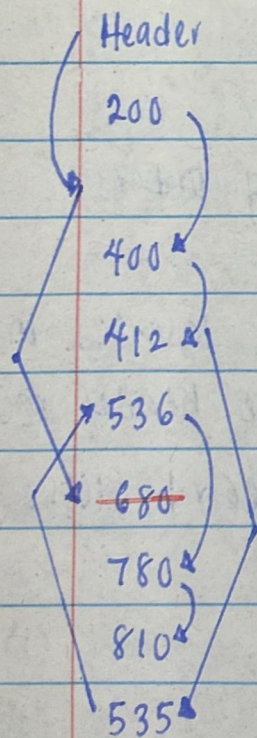
(1) Records are Sequenced in ascending order

(2) Operations are performed Sequentially

(3) When a new record is inserted, it's inserted into the First empty record pointed to by the header record
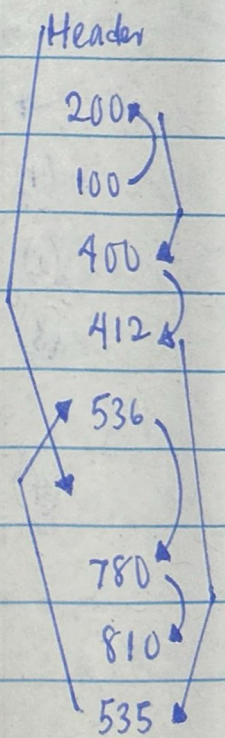
(4) The File has a Fixed number of record slots.

(a)

Header	Header	Header	Header
20.0	200	200	200
~~323~~			
400	400	400	400
412	412	412	412
536	536	536	536
680	680	680	680
780	780	780	780
810	810	810	810
		(535)	535

(a)   (b)

(c)

Header	Header	Header	Header
200	200	200	200
		(100)	100
400	400	400	400
412	412	412	412
536	536	536	536
~~680~~			
780	780	780	780
810	810	810	810
535	535	535	535

(c)   (d)

Header   Header

~~200~~
100   100
400   400
412   412
536   536

780   780
810   810
535   535

(e)
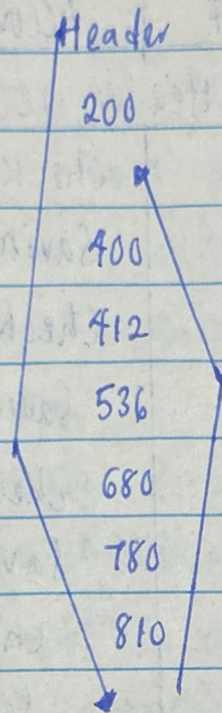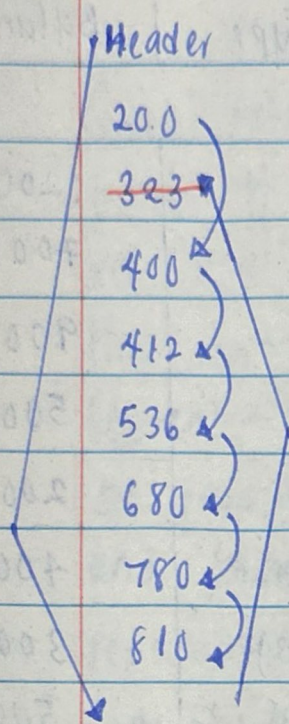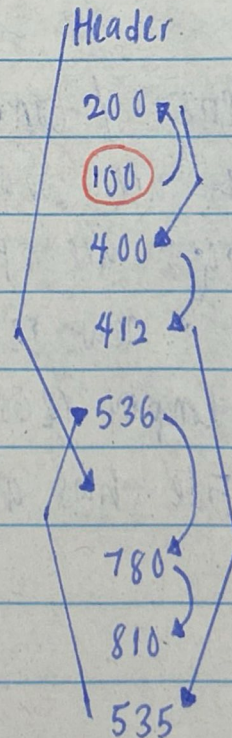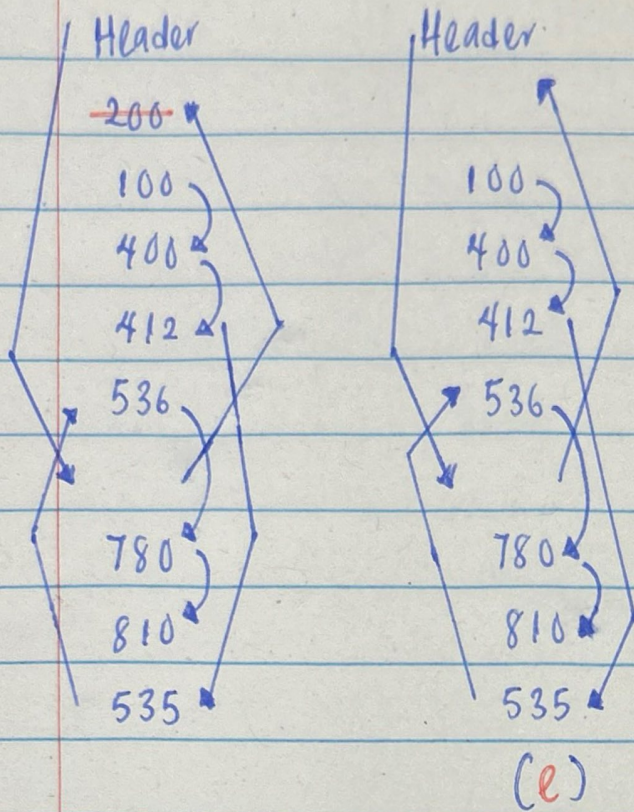
Pointer	Account #	Account type	Balance
Header record			
	100	Savings	400
	400	Checking	900
	412	Savings	500
	536	Checking	200
	780	Checking	300
	810	Savings	500
	535	Checking	300