Cor. Kuishna las CSA0992 Sava Program Assignment. 5 dollerion clares: (Volledion class) > Oreneries Herolor 5 > Method add relass has next = next < next index) Long list: . It is a olynamic array based implements of the list interface. Emport Java. ulil . Avraylist; Public slable void moin (slowings [] args) ? Seoraylist / sleing > names = new streaglist (); names add ("Aliee"); names - add ("Bob"); names. add (" charlie"). System. out. Paintly (Names: + names); names - semove ("Bob");

amani and towats System. out. Petinklin ("Names after remove bob: "+ names); 2) hinherd hist () :-· It is another implementation of list inherface, based on doubly-linked list data structure. · Il Provides efficient insertion and deletion of element al both ends of the list. · Here's a simple Perogram that Samonstrols is. import Jova. Wil. Tenhed list; Public Mars Conherdlist ; Pullie slotie void main (Skrings LJ ougs) 5 Tenhed lest 2 integer > number - new linked list co c. number . add (1); number. add (2); numbre -add (3); System. out. Println ("Numbes after nemour." + number)-

3) Map Interface :-- It is an implementation of the Map interface that * Hash Man: stores tey values Pairs. -> It users a hash hable to Perovide fast arms to value based on their keys. import Java . Wil. hashmap; Public class hash & Public statie void moin (String [Jaigs) { Hash & String, interger stores = new hoshman (?(); Mores. Put ("Alice, 95); flores Put ("Bob", 89). Hores. Put ("charle", 91); System out. Pruntler ("Bot's swee: " + swees. get ("Bob)) Moies - remoies ("chaile"); system. Out - Println (Hash man often sumove "+ Sures);

· It is another implementation of may interface. 4 Linked Hash Stop: - It maintains the order of key value Pairs based on the insertion order. import Java. will. Linked had man; Public class linked { Public static void main (strings [] pags) { Linked hash map & String, integer > ages = new listed ()(); ages. Put 1" Show", 25); ages. Put ("Bob", 20); ages. Put ("chalie", 22); System. out. Painlln ("Ages: "+ ages). ages. remore ("Bob") System out . Pristln ("Linked hashman after gemove bob:"+