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	lollerfron francentork.
Solution -1 what is Collection	or francueork in Java.
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Solution - a Array lost	Vn Lenked list-
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b). It allow random accom of	It use the poply linked lint on
cy. It is easy to imprement manage le	Acces possible.  Acces possible.  Relatively kord by  Manag (k.
Solution - 2	
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Set: l'est, map) to fraverne ele	ment l'Ata har to travene Only list element.
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solution 7- map in Java-

Map i'r Java in the collection of key value pair 41
Solution-0- Impermentation for mapion Java.

a). Harhmap: -> map< KIV> map = new teachmap <> U;

b> . Tree Map -> map < KIV7 map = New Tree map(<>1);

q. linked touch map -> map < KIV> map = new linked teach map <>();

as. Raintable -> map < KIV> map = new Hearh Table <>1);

Solition-g.

Han h map

or use a teach Table to Store key-value pairs.

b). order is not gaeranteer

c). Provide Better performance

d. Allow one nue key

Treemet.

Le a Red-Black Tree

b 8bre key-value

pair.

order in gawantees. Comparfively low perfromance

Does not allow rull ke

Salutien tg.

to check whether a key eseint in teach map i'r Java we do the following steps

i'nt a = Rey;

i'f (map Certaein Key (a)) reform "exe'nt";

else reform" not coefin";