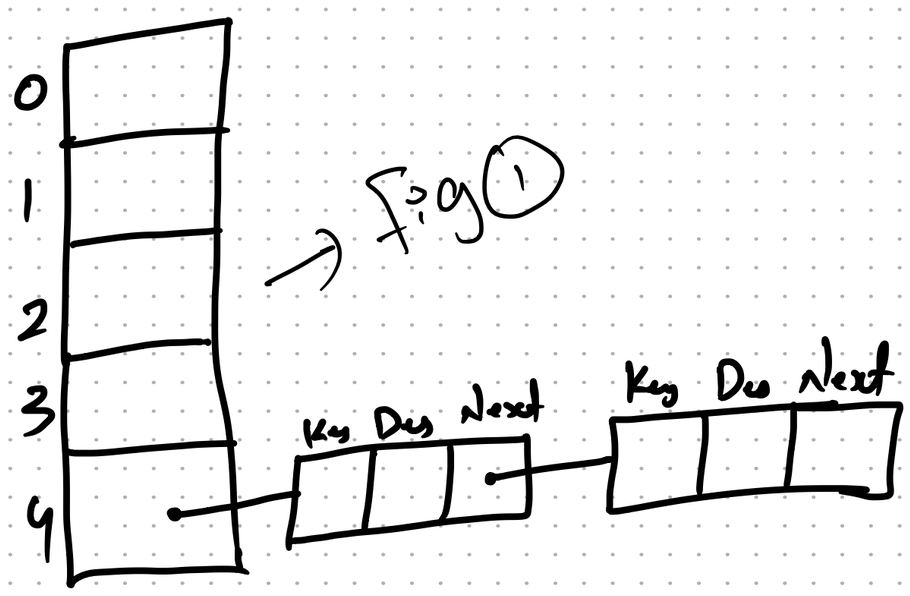
#) Seperate chaining



→ Fig (1)

if(Array.get(Hash_Index) == Null
{ i) Fetch the Address of that Hashed Index.
ii) Keep track of Newly Created Node.
iii)

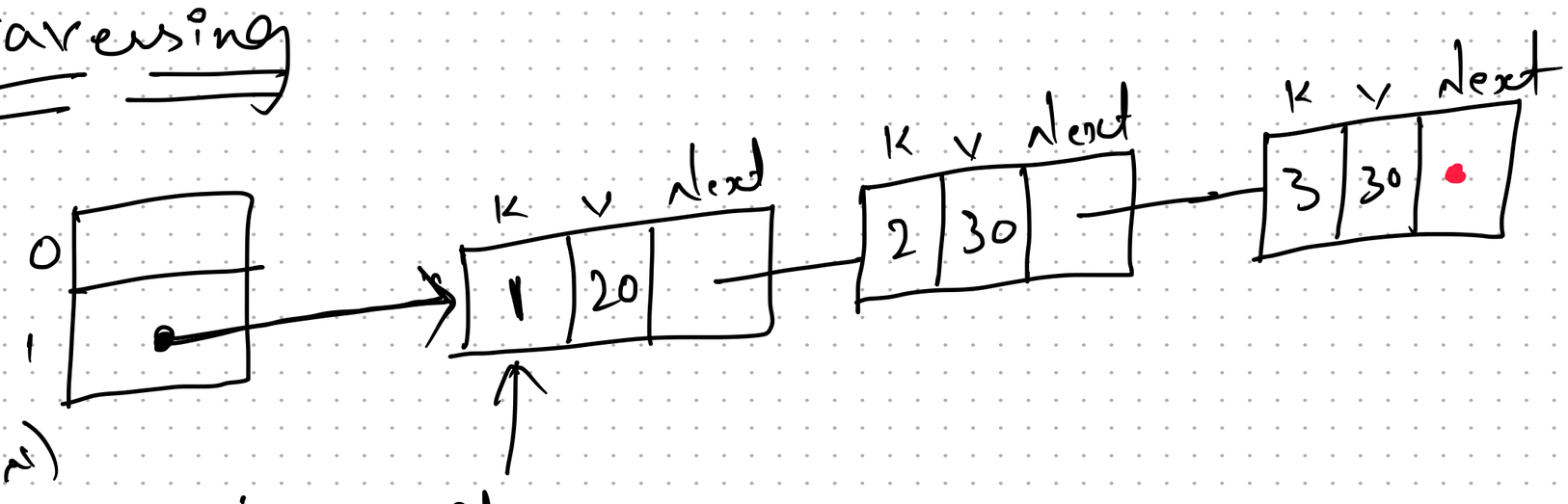
#) Steps to Create Seperate chaining.

*) Create an Hash function.
- i) It will Hash the "Key" to an Index.
- ii) Problem :- It will hash to Same Index (A Problem Called Collision).
- iii) Solution :- Seperate chaining (&) Linear Probing.

*) From Fig (1)

- i) Create an Array.
- ii) Create a Node <Key, Value> for Every Input.
- iii) Every Node is Associated with a Hashed Index.
  - So, Map this Node to the Index.

*) Traversing



if(Ptr.Next == Null)
{ Attach }
else { Parent-Ptr = Ptr;
Child-Ptr = Ptr;

while (Child-Ptr != Null)
{ P_P = CP;
CP = CP.Next;
}
*) Attach Node to PP → Next;
}