*Hash fable: - In python hash tables is known as dictionary, Hey he table always has Hearch complexity of 0(1).

With the The pot hough function it generales a number for address value which will help in sox searching easy with O(1) , We can create obrowl has hopen to generale a number. > Wellen we end up storing two values at same index in hash function that sitution is called collision. 2 In this case the two values stores in linked list state. 70 solve we can use chaining, overflow areas, rehasting etc. - Pu this case the complexity might go to O(n), + Pfl system hash function the eoclision situation is extremely

** operations and their complexity i) Search O(1) in average case if it is collision than O(1) ii) Delete O(1), O(n) in redge cases, iii) Delete O(1).