Q. How to Sort a HashMap based on the Values ?  
  
Ans. Its a most common interview questions which everyone must know :-  
Here comes solution but before that you must try it out by yourself first.  
  
Input :-   
  Key : 12  Value : "java"  
  Key : 9  Value : "sql"  
  Key : 15  Value : "python"  
  Key : 30  Value : "php"  
    
    
Logic :-   
   
 HashMap<Integer, String> map = new HashMap<>();  
 map.put(12, "java");  
 map.put(9, "sql");  
 map.put(15, "python");  
 map.put(30, "php");  
   
 //Convert values to List  
 List<Map.Entry<Integer, String>> list = new LinkedList<>(map.entrySet());  
   
 //Sort the List  
 Collections.sort(list, new Comparator<Map.Entry<Integer, String>>() {  
 public int compare(Map.Entry<Integer, String> o1, Map.Entry<Integer, String> o2) {  
return o1.getValue().compareTo(o2.getValue());  
 }  
 });  
   
 //Finally put that List data to map object  
 HashMap<Integer, String> finalMap = new HashMap<>();  
   
 for(Map.Entry<Integer, String> mp : list) {  
finalMap.put(mp.getKey(), mp.getValue());  
 }  
   
   
 => finalMap contains sorted data based on values.