Exercise 1: Create a method which accepts a hash map and return the values of the map in sorted order as a List.

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| Method Name | getValues |
| Method Description | Get the values of a map in sorted order |
| Argument | HashMap |
| Return Type | List |
| Logic | Return the values of a hash map in sorted order |

#### Exercise 2: Create a method that accepts a character array and count the number of times each character is present in the array. Add how many times each character is present to a hash map with the character as key and the repetitions count as value

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| Method Name | countCharacter |
| Method Description | Count the number of occurrence of each  character in a Character array |
| Argument | char[] |
| Return Type | map |
| Logic | Count the number of times each character appears in the array. Add the details into a hash map with character as key and count as value. Example:  {‘A’,’P’,’P’,’L’,’E’}  Output: Will be hashmap with the following contents{‘A’:1,’P’:2,’L’:1,’E’:1} |

Exercise 3: Create a method which accepts an array of numbers and returns the numbers and their squares in HashMap

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| Method Name | getSquares |
| Method Description | Accepts a list of numbers and return their  squares |
| Argument | int[] |
| Return Type | Map |
| Logic | Iterate through the list, find the square of each number and add the elements to a map object with the number as the key and the square as  the value |