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| **PROGRAMMING ASSIGNMENT 1** | |
| **NAME OF STUDENT** | Madhukumar Paka |
| **CLASS/BATCH/ROLL NUMBER** | SEIT2/B3/15 |
| **DATE OF PERFORMANCE** | 13/05/2021 |
| **DATE OF SUBMISSION** | 13/05/2021 |
| **PROBLEM STATEMENT** | **Write a program that accepts a sequence of whitespace separated words as input and prints the words after removing all duplicate words and sorting them alphanumerically.** |
| **SOFTWARE USED** | Google Colab |
| **PROGRAM CODE** | sentence=  "It was fall when we met for the first time and since then we haven't been apart says Batman to Alfred on a long Monday time"  words\_list = sentence.split(" ")  pure\_list = []  for i in words\_list:    if i not in pure\_list:      pure\_list.append(i)  pure\_list.sort()  sorted\_list = (' ').join(pure\_list)  print("The final sentence: ", sorted\_list) |
| **OUTPUT** |  |
| **CONCLUSION** | We have implemented program to remove duplicate from sentence and to sort them alphanumerically. |