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**Faculty of Technology and Engineering**

**U & P U. Patel Department of Computer Engineering**

Date: 2 / 25 / 2022

**Practical List**

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| Academic Year | : | 2021-22 | Semester | : | 4 |
| Course code | : | CE259 | Course name | : | Programming in Python |

**Note: Practical List is for Students. We need to cover concept require to implement respective practical**

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| **Sr. No.** | **Aim** |
| 6. | You are given ***n*** words. Some words may repeat. For each word, output its number of occurrences. The output order should correspond with the input order of appearance of the word. See the sample input/output for clarification.  **Sample Input**  4  bcdef  abcdefg  bcde  bcdef  **Sample Output**  3  2 1 1  **Explanation:** There are 3 distinct words. Here, "bcdef" appears twice in the input at the first and last positions. The other words appear once each. The order of the first appearances are "bcdef", "abcdefg" and "bcde" which corresponds to the output. |
|  | n = int(input("Enter no. of words: "))  print('Enter',n,'words: ') lst = list() for i in range(n):  ip=input()  lst.append(ip)   # lst = ['bcdef','abcdef','cde','bcdef']  dict1 = dict() for i in range(n):  ip = lst[i]  if ip not in dict1:  dict1[ip] = 1  else:  dict1[ip] += 1 print('word cardinality:', dict1,'\n')  print('ANSWER:') print(len(dict1)) for i in [i for i in dict1.values()]:  print(i, end=" ") |
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