

Assignments on Dictionary

Q1. Write a program to create a dictionary containing names of competition winner students as keys and number of their wins as values.

Q2. Write a program to create a phone directory for all your friends and then print it.

Q3. Marks of three students 'Suniti', 'Ryna', and 'ziva' in 3 subjects are available in dictionary.

D1 = {1:40, 2:70, 3:70}

D2 = {1:40, 2:50, 3:60}

D1 = {1:70, 2:80, 3:90}

Sample Output:

Key	Value
Ryna	{1:40, 2:50, 3:60}
Subject(Key)	Marks(Value)
1	40
2	50
3	60

Find the highest mark in subject 3.

Q4. Create a dictionary whose keys are month names and whose values are the number of days in the corresponding months.

- Ask the user to enter a month name and use the dictionary to tell them how many days are in the month.
- Print out all the keys in alphabetical order.
- Print out all of the month with 31 days.
- Print out the (key value) pairs started by the number of days in each month.

Q5. Repeatedly ask the user to enter a team name and how many games the team has won and how many they lost.

Store this information in a dictionary where the keys are the team names and the values are list of the form [wins, losses]

- Using the dictionary created above, allow the user to enter a team name and print out the team's winning percentage.
- Using the dictionary, create a list whose entries are the member of wins of each team.
- Using the dictionary, create a list of all those teams that have winning records.