

## Chapter 5: Practice Set

1 Write a program to create a dictionary of Hindi words with values as their english translation. Provide user with an option to look it up!

2 Write a program to input eight numbers from the user and display all the unique numbers (once).

3 Can we have a set with 18(int) and "18"(str) as a values in it?

4 What will be the length of following set S:

S = Set()

S.add(20)

S.add(20.0)

S.add("20")  $\Rightarrow$  length of S after these operations?

5 S = { }

what is the type of S?

6 Create an empty dictionary. Allow 4 friends to enter their favourite language as values and use keys as their names. Assume that the names are unique

7 If names of 2 friends are same; what will to the program in Problem 6?

8 If languages of two friends are same; what will happen to the program in Problem 6?

9 Can you change the values inside a list which is contained in Set S

$$S = \{8, 7, 12, \text{"Harry"}, [1, 2]\}$$