**PRACTICAL NO. 7**

**CODE:**

from nltk.corpus import wordnet

antonyms = []

text = "north south up down love"

x = text.split(" ")

for k in x:

for syn in wordnet.synsets(k):

for i in syn.lemmas():

if i.antonyms():

antonyms.append(i.antonyms()[0].name())

print(set(antonyms))

**OUTPUT:**

