12. Create a package having five modules and one \_\_init\_\_.py module. Three modules are list1.py, set2.py, dict3.py and the m6 module is outside the package and uses the modules of the package.

a. list1.py contains append1(x), extend1(l), pop(), remove1(x)

# list1.py

lst = []

def append1(x):

lst.append(x)

return lst

def extend1(l):

lst.extend(l)

return lst

def pop1():

if lst:

return lst.pop()

else:

return None

def remove1(x):

if x in lst:

lst.remove(x)

return lst