

```

1  import sys
2  import os
3  import xml.etree.ElementTree as ET
4
5  My_Apps = []
6  #Path = input("Enter Path")
7  Path = "C:\Users\grohan-ravindra\Documents\Werkstudent\September
2018\Virtual_Env\Sagar_Python_Task\\"
8  #q_num = input("Enter Q Number")
9  q_num = "qxr3196"
10
11  #-----
12  def FindMyApps ():
13
14      counter = 0
15
16
17      All_Apps = os.listdir(Path)
18      for Each in All_Apps:
19
20          #Modell_Config = (Path + Each + '\\ModelConfig.xml')
21          Modell_Config = (Path + 'ModelConfig.xml')
22          tree = ET.parse (Modell_Config)
23          root = tree.getroot ()
24
25          for child in root:
26              if child.attrib == {'Value': q_num}:
27                  #print Each
28                  counter = counter + 1
29                  My_Apps.append(Each)
30
31
32      print My_Apps
33      print counter
34  #-----
35
36  def PrintMyApps(x):
37      print x
38
39  #-----
40
41  def ListAllBaseUnits ():
42      App = input(" Enter App")
43      Modell_Config = Path + App + '\\ModelConfig.xml'
44      tree = ET.parse (Modell_Config)
45
46      for node in tree.iter():
47          #print node.tag
48          if node.tag == {'baseUnits'}:
49              print node.tag, node.attrib
50
51  #####
52
53  def main():
54      FindMyApps()
55      #PrintMyApps(My_Apps)
56      ListAllBaseUnits ()
57  main()
58

```