Assignment 2

Question 1

Write a Python program to get a list, sorted in increasing order by the last element in each tuple from a given list of non-empty tuples

Sample List : [(2, 5), (1, 2), (4, 4), (2, 3), (2, 1)]

Expected Result : [(2, 1), (1, 2), (2, 3), (4, 4), (2, 5)]

**Code**

def last(n): return n[-1]

def sort\_list\_last(tuples):

return sorted(tuples, key=last)

print(sort\_list\_last([(2, 5), (1, 2), (4, 4), (2, 3), (2, 1)]))

**Output**

A picture containing text, font, screenshot

Description automatically generated

Question 2

**Write a Python program to print a dictionary whose keys should be the alphabet from a-z and the value should be corresponding ASCII values**

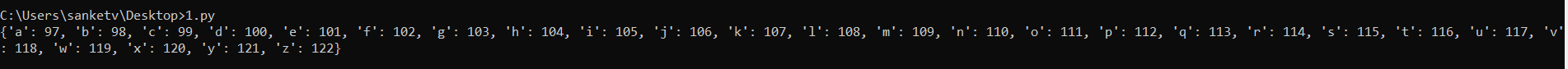
Sample Output : {'a': 97, 'b': 98, 'c': 99, 'd': 100, 'e': 101, 'f': 102, 'g': 103, 'h': 104, 'i': 105, 'j': 106, 'k': 107, 'l': 108, 'm': 109, 'n': 110, 'o': 111, 'p': 112, 'q': 113, 'r': 114, 's': 115, 't': 116, 'u': 117, 'v': 118, 'w': 119, 'x': 120, 'y': 121, 'z': 122}

**Code**

D1 = {'a': 97, 'b': 98, 'c': 99, 'd': 100, 'e': 101, 'f': 102, 'g': 103, 'h': 104, 'i': 105, 'j': 106, 'k': 107, 'l': 108, 'm': 109, 'n': 110, 'o': 111, 'p': 112, 'q': 113, 'r': 114, 's': 115, 't': 116, 'u': 117, 'v': 118, 'w': 119, 'x': 120, 'y': 121, 'z': 122}

print(D1)

**Output**



**Code**

|  |
| --- |
| d1=dict() |
|  | for i in range(97,123): |
|  |  |
|  | d1[chr(i)]= i |
|  | print(d1) |

**Output**

