

- A screenshot of the answers to the pre-lab multiple choice questions (if any), as follows:

**Your answers:**

Q-1	Q-2	Q-3	Q-4	Q-5
C	A	D	C	C

*Take the screenshot only for the table using (cmd + shift + 4 on Mac) or (win + shift + s on Windows).*

- Answers for ANY essay, short answer, fix errors, etc. questions.
- Screenshots for all the activities that requires you to write a code and/or show some output.

```

f = open("rawdata.txt", "r")
incomeDict = {}
countryDict = {}
countryList = []
incomeList = []
initialList = []
for line in f:
    line = line.upper().strip("\n").split(":")
    initialList.append(line[1][0])
    countryList.append(line[1])
    incomeList.append(line[2])

for i in range(0, len(countryList)):
    incomeDict[countryList[i]] = incomeList[i]
    if initialList[i] in countryDict:
        countryDict[initialList[i]].add(countryList[i])
    else:
        countryDict[initialList[i]] = {countryList[i]}

done = False
while not done:
    text = input("Enter an initial or a country name: ")
    text = text.upper()
    if text == "QUIT":
        done = True
    elif text in countryDict:
        print(countryDict[text])
    elif text in incomeDict:
        print(incomeDict[text])
    else:
        print("Does not exist.")

```

```

❖ /opt/homebrew/bin/python3 /Users/rohin/GitHub/CS1026/lab8/1.py
Enter an initial or a country name: l
{'LUXEMBOURG', 'LIECHTENSTEIN'}
Enter an initial or a country name: q
{'QATAR'}
Enter an initial or a country name: █

```

```

1 sentence = "I had such a horrible day It was awful so bad sigh It could not have been worse but actually though it was such a terrible horr
2 makeItHappy = {"horrible": "amazing", "bad": "good", "awful": "awesome", "worse": "better",
3 "terrible": "great"}
4 spsentence = sentence.split()
5
6 for index in range(0, len(spsentence)):
7     if spsentence[index] in makeItHappy:
8         spsentence[index] = makeItHappy[spsentence[index]]
9
10 newString = ""
11 for word in spsentence:
12     newString = newString + word + " "
13
14 print(newString)

```

```

/opt/homebrew/bin/python3 /Users/rohin/GitHub/CS1026/lab8/2.py

```

```

I had such a amazing day It was awesome so good sigh It could not have been better but actually though it was such a great amazing aw
esome good day

```

```

~/GitHub/CS1026/lab8 lab8 17:50:21

```