

Tools Used

Jupyter Notebook, csv module in python

Methodology

1. Read the data from the given input by splitting it appropriately and add them into a list.
2. From the list questions and answers are identified separately using appropriate split functions.
3. Create a csv file in write mode and add the obtained questions and answers into the csv.

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In [112]: import csv

# Open the input file in read mode.

file = open('input.txt', 'r', encoding='utf-8')
data = file.read()

lineq = data.split("?\\n")
linea = data.split("\\nAnswer:")

# Created a csv file

with open('sample.csv', 'w') as opfile:
    writer = csv.writer(opfile)
    writer.writerow(['Id', 'Questions', 'Answers'])

noq = len(lineq) - 1
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# Splitting the question and answers and adding it to a list.

for i in range(0,noq):
    q = lineq[i].split(str(i+1))[-1]
    # print(q)

    a = linea[i+1].split("\n"+str(i+2))[0]
    #print(a)

    Data = [i+1,q,a]
    #print(Data)

#Added the data into the csv output file.

    file=open('sample.csv', 'a', newline='')
    writer = csv.writer(file)
    writer.writerow(Data)
file.close()
```