**Task 6 a:**

**Program**

file\_name = "example.txt" # your file

line\_number = int(input("Enter the line number to delete: "))

with open(file\_name, "r") as f:

lines = f.readlines()

if 1 <= line\_number <= len(lines):

del lines[line\_number - 1]

with open(file\_name, "w") as f:

f.writelines(lines)

print("Line deleted successfully")

**Output**

Example.txt

Apple

Banana

Mango

Orange

After running the program (3rd line removed):

Apple

Banana

Orange

Line deleted successfully

**Task 6 b:Program:**

file = open("d:\data.txt", "r")

data = file.read()

words = data.split()

print('Number of words in text file :', len(words))

**Input:**

File name: data.txt

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**Output:**

Number of words in text file : 14

**Task 6 c:**

**Program:**

import csv

reader = csv.reader(open("d:\students.csv"))

for row in reader:

print(row)

**Input:**

File name: students.csv

vtuno name year

1234 aaaa 2

4567 bbbb 3

**Output:**

['vtuno name year']

['1234 aaaa 2']

['4567 bbbb 3']

**Task 6 d:**

**Program**

source\_file = input("Enter the source file name: ")

destination\_file = input("Enter the destination file name: ")

with open(source\_file, "r") as src:

with open(destination\_file, "w") as dest:

content = src.read()

dest.write(content)

print(f"Contents of '{source\_file}' copied to '{destination\_file}' successfully!")

**Input and Output**

Enter the source file name: d:/data.txt

Enter the destination file name: d:/newdata.txt

Contents of 'd:/data.txt' copied to 'd:/newdata.txt' successfully!

**Task6 d:**

**Program**:

f = open("books.txt", "r")

books = set(f.readlines())

f.close()

f = open("unique\_books.txt", "w")

f.writelines(books)

f.close()

print("Unique book list created.")