Experiment 4: Input:
Part 1:
```python
# Branch: Computer
# Year: 2025
# Sem: 4
# Name: Mohd Qayam
# UIN: 231P038
# Roll No.: 02

print("**************************")
print("Line, Word and Character Count")
print("Mohd Qayam")
print("**************************")

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

line_count = 0
word_count = 0
char_count = 0

for line in f:
    line_count += 1
    word_count += len(line.split())
    char_count += len(line)

print("Line count:", line_count)
print("Word count:", word_count)
print("Character count:", char_count)

f.close()
```

Part 2:
```python
# Branch: Computer
# Year: 2025
# Sem: 4
# Name: Mohd Qayam
# UIN: 231P038
# Roll No.: 02

print("**************************")
print("Menu Driven Program on Files")
print("Mohd Qayam")
print("**************************")

while True:
    print("1. Add Movie")
    print("2. Delete Movie")
    print("3. Display Movie")
```

```python
        print("4. Exit")
        ch = int(input("Enter your choice: "))
        if not 0 < ch < 5:
            print("Invalid Choice\n")
        else:
            if ch == 4:
                break
            if ch == 1:
                movie = input("Enter movie name: ")
                with open("movies.txt", "a") as f:
                    f.write(movie + "\n")
                print("Movie added successfully\n")
            elif ch == 2:
                movie = input("Enter movie name to delete: ")
                with open("movies.txt", "r") as f:
                    lines = f.readlines()
                with open("movies.txt", "w") as f:
                    for line in lines:
                        if line.strip() != movie:
                            f.write(line)
                print("Movie deleted successfully\n")
            elif ch == 3:
                with open("movies.txt", "r") as f:
                    print("Movies:")
                    print(f.read())
```

Part 3:
```python
# AIM: Write a program in Python that generates a quiz and uses two files –
Question.txt and Answers.txt.
#      The program opens Question.txt and reads a question and displays the
question with option on the
#      screen. The program then opens the Answers.txt file.
# Branch: Computer
# Year: 2025
# Sem: 4
# Name: Mohd Qayam
# UIN: 231P038
# Roll No.: 02

print("**************************")
print("Quiz")
print("Mohd Qayam")
print("**************************")

f = open("Questions.txt", "r")
a = open("Answers.txt", "r")
i = int(f.readline().strip())
```

```python
while i:
    for j in range(3):
        print(f.readline().strip())
    correct_answer = a.readline().strip()
    user_answer = input("Enter your option: ")
    if user_answer == correct_answer:
        print("Correct!")
    else:
        print("Incorrect. The correct answer is:", correct_answer)
    i -= 1
```

Part 4:
```python
# AIM: Write a program in Python to Perform following operations on file
handling.
#       1. Reading a file
#       2. Writing into a file
#       3. Appending into a file
# Branch: Computer
# Year: 2025
# Sem: 4
# Name: Mohd Qayam
# UIN: 231P038
# Roll No.: 02

print("**************************")
print("File Handling")
print("Mohd Qayam")
print("**************************")

print("Writing 'Hello World\\n' into the file")
f = open("test.txt", "w")
f.write("Hello World\n")
f.close

print("Appending another 'Hello world\\n' into the file")
f = open("test.txt", "a")
f.write("Hello World\n")
f.close

print("Reading the file:")
f = open("test.txt", "r")
print(f.read())
f.close
```

```
****************************
Line count: 2
Word count: 4
Character count: 24
```

```
F test.txt        X

F test.txt
   1      Hello World
   2      Hello World
   3
```

```
F movies.txt  X

F movies.txt
   1      Matrix
```

```
****************************
1. Add Movie
2. Delete Movie
3. Display Movie
4. Exit
Enter your choice: 1
Enter movie name: Matrix
Movie added successfully

1. Add Movie
2. Delete Movie
3. Display Movie
4. Exit
Enter your choice: 3
Movies:
Matrix

1. Add Movie
2. Delete Movie
3. Display Movie
4. Exit
Enter your choice: 2
Enter movie name to delete: Matrix
Movie deleted successfully

1. Add Movie
2. Delete Movie
3. Display Movie
4. Exit
Enter your choice: 4
```

```
****************************
1. The world is
1) Round 2) Flat 3) Both 4) None

Enter your option: 2
Incorrect. The correct answer is: 1
2. Cricket is better than Football?
1) Yes 2) No 3) Maybe 4) Idk

Enter your option: 2
Correct!
3. I am the Storm that is approaching
1) Yes 2) No 3) What? 4) Okay

Enter your option: 1
Correct!
```

```
****************************
Writing 'Hello World\n' into the file
Appending another 'Hello world\n' into the file
Reading the file:
Hello World
Hello World
```

Questions.txt

```
1   3
2   1. The world is
3   1) Round 2) Flat 3) Both 4) None
4
5   2. Cricket is better than Football?
6   1) Yes 2) No 3) Maybe 4) Idk
7
8   3. I am the Storm that is approaching
9   1) Yes 2) No 3) What? 4) Okay
```

Answers.txt

```
1   1
2   2
3   1
```