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Subject: Python Lab

Register No: 23MCA1030

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File Handling

```
with open("mytext.txt", "w") as file:
    file.write("Hello, this is some mytext data.\n")
```

```
with open("mytext.txt", "r") as file:
    data = file.read()
    print(data)
```

```
with open("mytext.txt", "w") as file:
    file.write("This is some mytext data.\n")
```

```
with open("mytext.txt", "r") as file:
    data = file.read()
    print(data)
```

```
with open("mytext.txt", "a") as file:
    file.write("Additional data.\n")
```

```
with open("mytext.txt", "r") as file:
    for line in file:
        print(line.strip())
```

```
with open("mytext.txt", "r+") as file:
    data = file.read()
    print("Read Data:", data)
    file.seek(0)
    file.write("New data added.")
    file.seek(0, 2)
    file.write("\nAppended data.")
    file.seek(0)
    modified_data = file.read()
    print("Modified Data:", modified_data)
```

```
with open("mytext.txt", "w+") as file:
    file.write("Initial data.")
    file.seek(0)
    read_data = file.read()
    print("Read Data:", read_data)
    file.seek(0)
    file.write("\nAdditional data added.")
    file.seek(0, 2)
    file.write("\nAppended data.")
    file.seek(0)
```

```
modified_data = file.read()
print("Modified Data:", modified_data)
```

Output:

```
D:\MCA\2. Data Structures and Algorithms + LAB>python -u "d:\MCA\2. Data Structures and Algorithms + LAB\DSA\C\Code\filehandli
ng.py"
Hello, this is some mytext data.

This is some mytext data.

This is some mytext data.
Additional data.
Read Data: This is some mytext data.
Additional data.

Modified Data: New data added.text data.
Additional data.

Appended data.
Read Data: Initial data.
Modified Data:
Additional data added.
Appended data.

D:\MCA\2. Data Structures and Algorithms + LAB>
```

END