

**Student Name : Sayed Samah Sayed Wahby**

**Student ID : 2205025**

**Log File:** `sample_log.log`

---

## 1. Request Counts

- **Total Requests:** 9
  - **GET Requests:** 6
  - **POST Requests:** 3
- 

## 2. Unique IP Addresses & Their Request Counts

IP Address	GET Requests	POST Requests
192.168.1.1	3	0
192.168.1.2	0	1
192.168.1.3	2	0
192.168.1.4	0	2

- **Total Unique IPs:** 4
-

### 3. Failure Requests

- Number of Failures (4xx/5xx): 3
  - Failure Percentage: 33.33%
- 

### 4. Most Active IP

- IP Address: 192.168.1.1
  - Request Count: 3
- 

### 5. Daily Request Averages

- Total Days Logged: 2 (May 11 & May 12)
  - Average Requests per Day: 4.5
- 

### 6. Days with Highest Number of Failures

Date	Failures
------	----------

May 12	2
--------	---

May 11	1
--------	---

---

## 7. Requests by Hour

Hour (24h)	Request Count
10:00	4
11:00	2
12:00	1
13:00	1

---

## 8. Status Code Breakdown

Status Code	Frequency
200	5
404	2
500	1
503	1

---

## 9. Most Active IP by Method

- **GET:** 192.168.1.1 with 3 requests
  - **POST:** 192.168.1.4 with 2 requests
-

## 10. Failure Patterns

### Failures by Hour:

Hour (24h)	Failures
10:00	2
13:00	1

### Failures by Day:

Date	Failures
May 11	1
May 12	2

---