

# **CN3530 : Computer Networks**

## **Assignment : 2**

### **Report-2**

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#### **RESULTS :**

#### **STAR**

Keys	Request1 (First time)	Request2 (Second time)	Request3 (Third Time)
key1	0.0042454	0.0019696	0.0014892
key2	0.0054020	0.0023371	0.0014690
key3	0.0059483	0.0019918	0.0008445
key4	0.0057664	0.0017498	0.0015624
key5	0.0107147	0.0062055	0.0032506
key6	0.0074913	0.0022202	0.0015770
average	0.0065947	0.0027457	0.0016988

Tab. 1: Readings of Web Cache Developement

#### **OBSERVATIONS**

- Second and Third Request Times are significantly smaller the the First
- Second Request Time is almost 2.5 times faster than the First

## JUSTIFICATION

- First request cannot fetch data from cache. So cache request server for data resulting in more Request Time
- Second and Third Requests fetch data from local cache and not the server. Hence, we can say this causes the Time taken to drop.

## Plagiarism Statement

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