

Query 1 and Query3

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aftab@aftab-vivobook:/media/aftab/Work/Sem 2/Design Lab/Map-reduce-mp/query3$ cd ../query1/
aftab@aftab-vivobook:/media/aftab/Work/Sem 2/Design Lab/Map-reduce-mp/query1$ make
Please wait...
23.126381635665894 sec
Done
aftab@aftab-vivobook:/media/aftab/Work/Sem 2/Design Lab/Map-reduce-mp/query1$ head result1.txt
image 146005.27
video 21106942.38
webpage 318881.51
aftab@aftab-vivobook:/media/aftab/Work/Sem 2/Design Lab/Map-reduce-mp/query1$ cd ../query3
aftab@aftab-vivobook:/media/aftab/Work/Sem 2/Design Lab/Map-reduce-mp/query3$ code .
aftab@aftab-vivobook:/media/aftab/Work/Sem 2/Design Lab/Map-reduce-mp/query3$ make
Please wait...
9.896422386169434 sec
Done
aftab@aftab-vivobook:/media/aftab/Work/Sem 2/Design Lab/Map-reduce-mp/query3$ head result1.txt
image 146005.27
video 21106942.38
webpage 318881.51
aftab@aftab-vivobook:/media/aftab/Work/Sem 2/Design Lab/Map-reduce-mp/query3$
```

Runtime of Query 1: 23.126381635665894

Runtime of Query 3: 9.896422386169434

Difference: 13.2299592

Query2 and Query4

```
aftab@aftab-vivobook:/media/aftab/Work/Sem 2/Design Lab/Map-reduce-mp/query2$ make
Please wait...
2.082170009613037 sec
Done
aftab@aftab-vivobook:/media/aftab/Work/Sem 2/Design Lab/Map-reduce-mp/query2$ head result2.txt
dict_values([2156, 1, 1, 1, 1, 1])
4669921
aftab@aftab-vivobook:/media/aftab/Work/Sem 2/Design Lab/Map-reduce-mp/query2$ cd ../query4/
aftab@aftab-vivobook:/media/aftab/Work/Sem 2/Design Lab/Map-reduce-mp/query4$ make
Please wait...
1.3999552726745605 sec
Done
aftab@aftab-vivobook:/media/aftab/Work/Sem 2/Design Lab/Map-reduce-mp/query4$ head result4.txt
dict_values([2156, 1, 1, 1, 1, 1])
4669921
aftab@aftab-vivobook:/media/aftab/Work/Sem 2/Design Lab/Map-reduce-mp/query4$
```

Runtime of Query 2: 2.082170009613037

Runtime of Query 4: 1.3999552726745605

Difference: 0.682214737

