**REPORT**

**Group: 29**

**Team members:**

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**Below table shows the running time comparisons of all the inputs provided.**

|  |  |  |
| --- | --- | --- |
| Input file Name | Running Time/Memory | Source Vertex Taken |
| lp2-in1.txt | Time: 0 msec.  Memory: 5 MB / 491 MB. | 5 |
| lp2-in2.txt | Time: 15 msec.  Memory: 7 MB / 491 MB. | 5 |
| lp2-in3.txt | Time: 16 msec.  Memory: 17 MB / 491 MB. | 5 |
| lp2-big.txt | Time: 5025 msec.  Memory: 745 MB / 1823 MB. | 5 |
| t1.txt | Time: 10 msec.  Memory: 12 MB / 491 MB. | 5 |
| t2.txt | Time: 75 msec.  Memory: 107 MB / 491 MB. | 5 |
| t3.txt | Time: 474 msec.  Memory: 335 MB / 1411 MB. | 5 |
| t4.txt | Time: 53 msec.  Memory: 97 MB / 491 MB. | 5 |
| t5.txt | Time: 1339 msec.  Memory: 367 MB / 1490 MB. | 5 |