|  |  |  |
| --- | --- | --- |
| **Input** | **Simple Exponential**  **(Time in microsec and no. of operations)** | **Binary Exponential**  **(Time in microsec and no. of operations)** |
| 2^10 | 0  10 | 0  5 |
| 2^100 | 0  100 | 0  9 |
| 2^1000 | 0  1000 | 0  15 |
| 2^10000 | 0  10000 | 0  18 |
| 2^100000 | 0  100000 | 0  22 |
| 2^1000000 | 0  1000000 | 0  26 |

From above comparison it can be concluded that Binary exponential algorithm performs a smaller number of operation than the simple technique.

Hence, binary exponential algorithm is more suitable.