

Average Time as seen by Client: Fibonacci Task

No of Computers	Time for execution as seen by client	Parallel Efficiency	Average Time as seen by Computer to execute one task
1	62.585	1	26.276
4	39.174	0.399	14.404
16	15.517	0.252	88.58

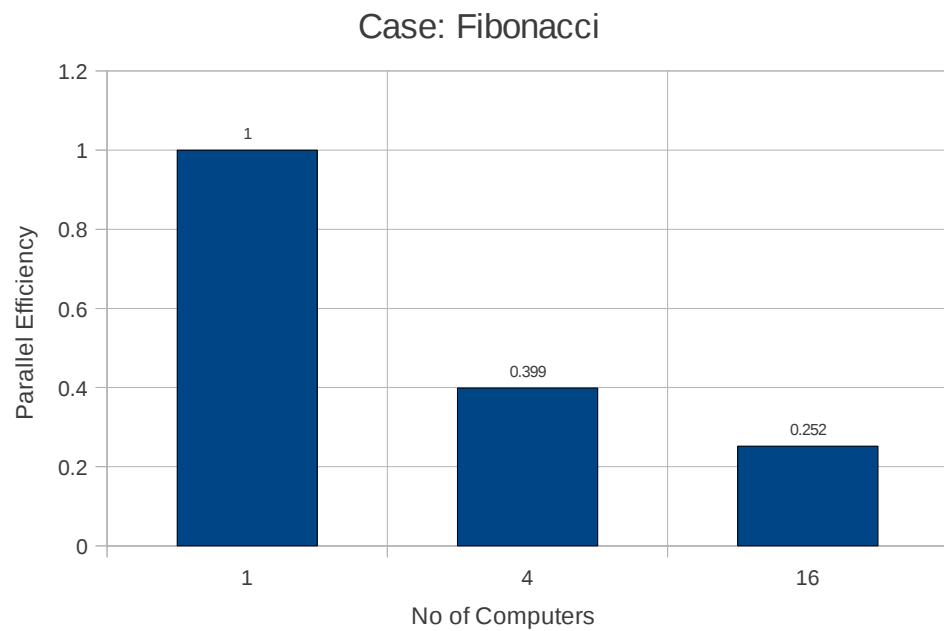
Mandelbrot Set Task

1	2.946	1	0.716
4	2.721	0.271	0.498
16	3.072	0.059	0.595

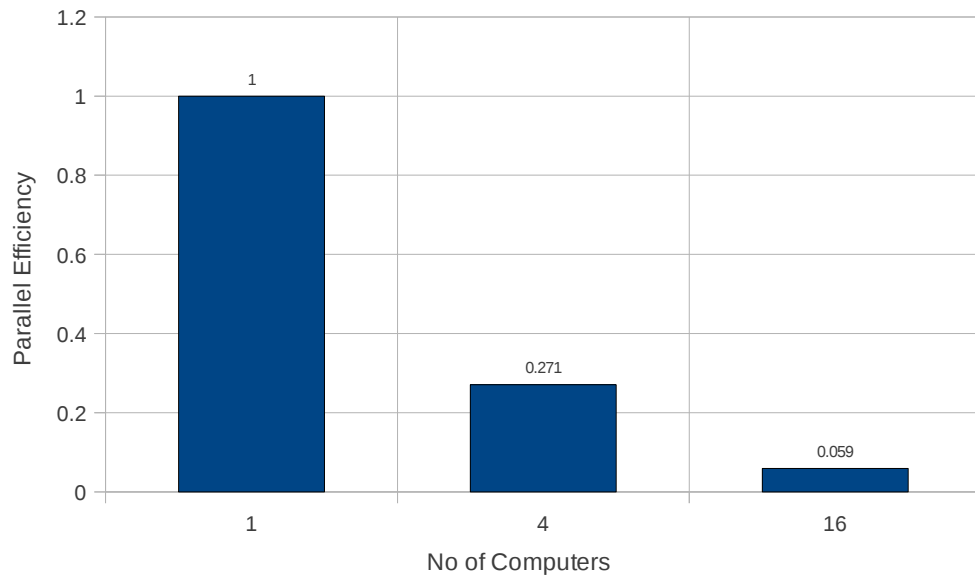
TSP task

1	36.272	1	19.947
4	10.372	0.874	4.049
16	4.143	0.547	1.039

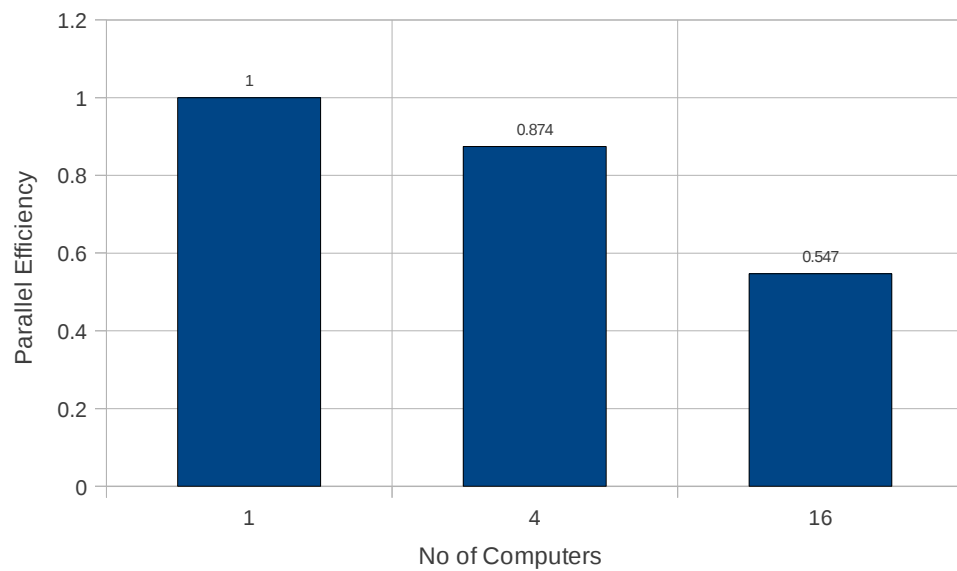
Graphs for showing parallel Efficiency as seen by the client:



Case : MandelBrotSetTask



Case: TSP task



In the graphs above the blue bars show the parallel efficiency which is calculated as $T1/(C \times TC)$
T1--- Time taken to complete the task by one computer
TC---Time taken by C computers to finish the task
C---The number of Computers which is 1, 4,16

C* TC) where