

**Performance Benchmark of submission 2:**

**cant:** The running time of my code for 50 iterations is: 107.911 milliseconds.  
**consph:** The running time of my code for 20 iterations is: 62.1167 milliseconds.  
**cop20k\_A:** The running time of my code for 73 iterations is: 146.603 milliseconds.  
**dense2:** The running time of my code for 10 iterations is: 26.6759 milliseconds.  
**jonheart:** The running time of my code for 60 iterations is: 2.66506 milliseconds.  
**mac\_econ\_fwd500:** The running time of my code for 12 iterations is: 23.5443 milliseconds.  
**mc2depi:** The running time of my code for 70 iterations is: 302.068 milliseconds.  
**pdb1HYS:** The running time of my code for 30 iterations is: 63.5818 milliseconds.  
**pwtk:** The running time of my code for 25 iterations is: 158.697 milliseconds.  
**qcd5\_4:** The running time of my code for 63 iterations is: 74.6078 milliseconds.  
**rail4284:** The running time of my code for 10 iterations is: 58.7522 milliseconds.  
**rma10:** The running time of my code for 74 iterations is: 99.9466 milliseconds.  
**scircuit:** The running time of my code for 30 iterations is: 47.8156 milliseconds.  
**shipsec1:** The running time of my code for 10 iterations is: 42.4012 milliseconds.  
**webbase-1M:** The running time of my code for 77 iterations is: 592.115 milliseconds.