











First Attempt

```
class SumThread extends Thread {
  int lo, int hi, int[] arr;//fields to know what to do
  int ans = 0; // for communicating result
  SumThread(int[] a, int l, int h) { ... }
  public void run(){ ... }
}
int sum(int[] arr){
  int len = arr.length;
  int ans = 0;
  SumThread[] ts = new SumThread[4];
  for(int i=0; i < 4; i++){// do parallel computations</pre>
    ts[i] = new SumThread(arr,i*len/4,(i+1)*len/4);
    ts[i].start(); // use start not run
  for(int i=0; i < 4; i++) // combine results</pre>
    ans += ts[i].ans;
  return ans;
}
```





















