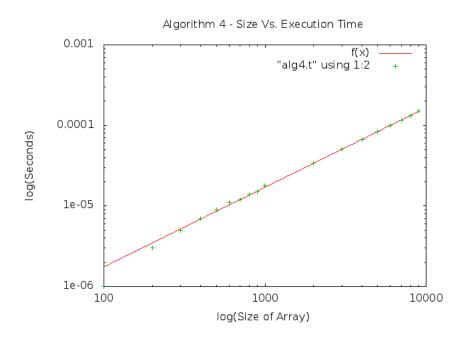
Assignment 2: Dynamic Programming project

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1 Recursive function

- 2 Pseudocode
- 3 Running time



4 Theoretical correctness

5 Implement

5.1 Algorithm 4

```
/*
 * Enumeration

* Loop over each pair of indices i; j and compute the sum from k=i to j of a[k].

* Keep the best sum you have found so far.

*/
```

```
using namespace std;
   int MaxSubarray(int a[], int n){
  int current = 0;
10
11
      int max = 0;
12
       int i;
13
      for (i = 0; i < n; i++){
  current += a[i];
  if (current <= 0) {
14
15
         current = 0;
}else if(current > max){
17
            max = current;
20
21
22
       return max;
```

alg4.cpp

6 Test

7 Compare

