

```
*****  
**** lab 1 problem 5
```

Results from lab1_prob3:

```
Timer Resolution = 1 nanoseconds  
Calibrartion time = 0 seconds and 821 nanoseconds  
The measured code took 0 seconds and 4294967151 nano seconds to run
```

Results from lab1_prob4:

```
Timer Resolution = 1 nanoseconds  
Calibrartion time = 0 seconds and 1209 nanoseconds  
The measured code took 0 seconds and 4294966793 nano seconds to run
```

Based on the results, the faster of the two codes is the one from lab1_prob4. This is because the program ran by lab1_prob4 allocates less memory. The program from lab1_prob4 only does computation for a single 32bit input, while lab1_prob3 computes 8 32bit inputs. There are also more conditional statements involving lab1_prob3.