```
ema@ema-Swift-SF314-52:~/Desktop/csci 61/HW/HW5$ g++ HW5.cpp
ema@ema-Swift-SF314-52:~/Desktop/csci 61/HW/HW5$ ./a.out
enter the probility of a stduent arrving every second(a number between 0 and 100
)
25
enter the minimum then the maximum question length in seconds sperated by a spac
e
1 15
average time a student spends is line is: 31.9257
average time a student spends with the professor is: 8.03249
average time a professor spends after the intended time is: 65.11
```

trees
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happiness hypothosis
integral
derivative
series
trees
happiness hypothosis
queues
trees
b-trees
cross prodduct
trees
dot prodduct
searching
hash tables
heaps
recursion
integral
hash tables
hash tables
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stacks
dot prodduct
maps
heaps
adam 26

```
trees
trees
happiness hypothosis
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maps
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gender
heaps
sorting
maps
taylor polynomians
race
maps
vectors
vectors
derivative
happiness hypothosis
derivative
taylor polynomians
heaps
dot prodduct
alex 31
```