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CMSC 257

Sonmez

Lab 8 Answers to Q1-Q3

Q1)

|  |  |
| --- | --- |
|  | Output (Real time) |
| sample-nonopt | 4.991 |
| OPT=1 sample-opt | 4.077 |
| OPT=2 sample-opt | 4.123 |
| OPT=3 sample-opt | 3.310 |

Q2)

The function with the highest percentage of time used is the insert\_list function (without taking into account children within the call tree).

Q3)

The piece of code executed the most is “return (list == NULL);” It is called the same number of times as the function “bool is\_empty(List list)” {70818627 times}.