

Algorithms and Data Structures 1 — Summer term 2024 — Assignment 6

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June 17, 2024

2.

a)

Runtime Complexity is $O(d * (n + m))$. First for-loop runs for the length of the number with the maximum digits. Second for-loop runs for the size of the base. Third for-loop runs for the length of the input array. Fourth for-loop runs for the length of the buckets.