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COMP2804: Discrete Structures II

Assignment 1

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| 2. | 1) | 20 characters, 26 possible letters per character |
|  | 2) | N1 has 26 letters as it’s starting the sequence and is not restricted  N2, …, N­19 has 24 letters as it’s being restricted by the previous and following character  N20 has 25 characters as its only restricted by the previous character |
|  | 3) | N1 has 26 possible letters as its not restricted by any following characters  N2 and N19 has 23 possible letters as they are restricted by 3 characters surrounding it  N20 has 24 possible letters as it’s being restricted by the previous two characters  N3 to N18 has 22 possible characters as its being restricted by two characters before and after |
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