

COMP9319 Exercises

Solution : To be released one week later

Question 1

Construct the suffix array for string $S = \text{panorama\$}$ using the linear time construction algorithm discussed in the lectures.

What is its BWT?

Question 2

Construct the suffix array for string $S = \text{enhancement\$}$ using the linear time construction algorithm discussed in the lectures.

What is its BWT?

Question 3

Construct the suffix array for string $S = \text{here_there_and_where\$}$ using the linear time construction algorithm discussed in the lectures.

Question 4

In the linear time SA construction algorithm, why do we separate S positions from L positions? Why do we place L positions in front of other S positions for each bucket?