

Let the given string be "banana".

0 banana		5 a
1 anana	Sort the Suffixes	3 ana
2 nana	----->	1 anana
3 ana	alphabetically	0 banana
4 na		4 na
5 a		2 nana

So the suffix array for "banana" is {5, 3, 1, 0, 4, 2}