Exercise 1

First example:

Without indexes:



With b_tree id index:

With hash index:

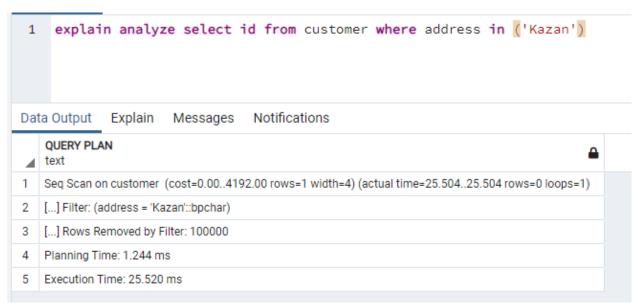
Second example:



With b_tree id index:

With hash index:

Third example:



With b_tree id index:

With hash index: