The output:

the has\_duplicates function:

zzz has duplicates

dog has no duplicates

bookkeeper has duplicates

subdermatoglyphic has no duplicates

subdermatoglyphics has duplicates

The missing\_letters function:

zzz is missing letters abcdefghijklmnopqrstuvwxy

subdermatoglyphic is missing letters fjknqvwxz

the quick brown fox jumps over the lazy dog uses all the letters