End

NO

YES

YES

YES

YES

NO

R0 = ‘t’?

NO

NO

First word is ‘the’?

End of String1?

Store R0 to R2

R2 ++

Use R3 to check:

Previous char is a space?

Next two char are ‘h’ and ‘e’?

R0 🡨 next char of [R1]

R1 🡨 R1 +3

Start

R1 🡨 [STRING1]

R2 🡨 [STRING2]