

Quiz 4.1

CSCI 334: Spring 2024

Your name: _____

Reduce the expression $(\lambda x. \lambda x. x) (\lambda x. b) a$

$(\lambda x. \lambda x. x) (\lambda x. b) a$

$(\lambda c. \lambda d. d) (\lambda x. b) a$

$(\lambda d. d) a$

(a)

a

given

α -reduce c for first x , d for second x

β -reduce $(\lambda x. b)$ for c

β -reduce a for d

eliminate parens

done