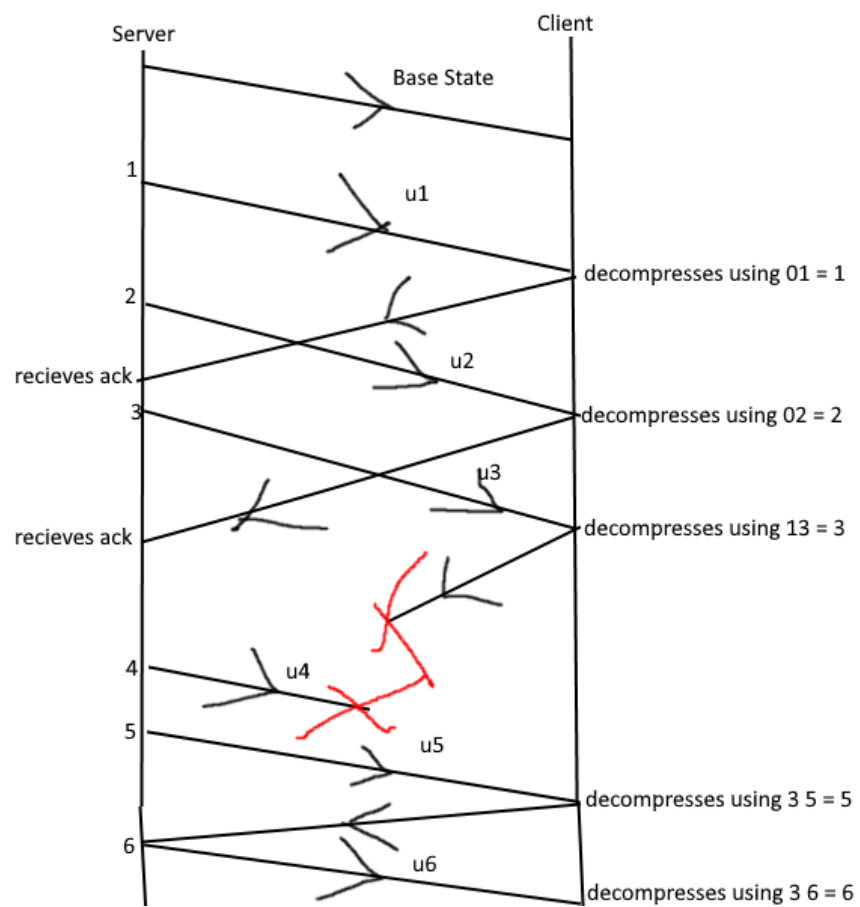


Q2



Q3

AB = 6

ABA not in dictionary

A = 0

AA not in dictionary

Q4

BABAABAAA

Code = 10560

Dictionary:

A: 0

B: 1

C: 2

D: 4

BA: 5

AB: 6

BAA: 7

ABA: 8

AA: 9

B: 1

BA not in dictionary

A: 0

AB not in dictionary

BA: 5

BAA not in dictionary