4.3

s = ‘I AM A STUDENT’ t = ‘GOOD’ q = ‘WORKER’

StrLength(s) = 14  
StrLength(t) = 4

SubString(s,8,7) = ‘STUDENT’

SubString(t,2,1) = ‘O’

Index(s,’A’) = 3

Index(s,t) = 0

Replace(s,’STUDENT’,q) = ‘I AM A WORKER’

Concat(SubString(s,6,2),Concat(t,SubString(s,7,8))) = ‘A GOOD STUDENT’

4.4

 a = ‘THIS’,　f = ‘A SAMPLE’,　c = ‘GOOD’,　d = ‘NE’,　b = ‘ ’.

 s = Concat(a, Concat(SubString(f, 2, 7), Concat(b, SubString(a, 3, 2)))),

 t = Replace(f, SubString(f, 3, 6), c),

 u = Concat(SubString(c, 3, 1), d),

 g = ‘IS’,

 v = Concat(s, Concat(b, Concat(t, Concat(b, u)))),

s = ‘THIS SAMPLE IS’

t = ‘A GOOD’

v = ‘THIS SAMPLE IS A GOOD ONE’

StrLength(s) = 14

Index(v,g) = 3

Index(u,g) = 0

4.8

pat = ’ADABBADADA’

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A | D | A | B | B | A | D | A | D | A |
| -1 | 0 | 0 | 1 | 0 | 0 | 1 | 2 | 3 | 0 |

主串 A D B A D A B B A A B A D A B B A D A D A

模式串 A D A B B A D A D A

↑

A D A B B A D A D A

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A D A B B A D A D A

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A D A B B A D A D A

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A D A B B A D A D A

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A D A B B A D A D A

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