1.

E	A	S	Y	Q	U	E	S	T	I	O	N
0	1	2	3	4	5	6	7	8	9	10	11

Comparsions

$i=0$

min

~~E~~ A

→ A E S Y Q U E S T I O N

(11)

$i=1$ min:

A ~~E~~ E

A E S Y Q U E S T I O N

(10)

$i=2$ min: ~~S~~ ~~E~~ E

A E E Y Q U S S T I O N

(9)

$i=3$

min: ~~Y~~ ~~Q~~ I

A E E I Q U S S T Y O N

(8)

$i=4$

min: ~~Q~~ ~~U~~ N

A E E I N U S S T Y O Q

(7)

$i=5$ min : ~~U~~ ~~S~~ ~~S~~ O

A E E I N O S S T Y U Q

(6)

$i=6$ min: ~~S~~ ~~S~~ Q

A E E I N O Q S T Y U S

(5)

i = 7   min : ~~X~~ S   (4)

A E E I N O Q S T Y U S

i = 8   (3)

   min : ~~X~~ S

A E E I N O Q S S Y U T

i = 9   min : ~~X~~ ~~X~~ T   (2)

A E E I N O Q S S T U Y   (⓪)

i = 10   min :   U   (1)

A E E I N O Q S S T U Y

Time $O(N^2)$