Yiping Liang B00744822 Assignment1

Ex(1)

<terminated> lattice [Java Application] /Library/Java/Jav

Enter the lattice size:1

Path is [NE, EN] Execution time: 1ms

terrimiated> latrice [Java Application] | Library|Java/Javavii tualivi

Enter the lattice size:2

Path is [NNEE, NENE, NEEN, ENNE, ENEN, EENN]

Execution time: 3ms

<terminated> lattice [Java Application] /Library/Java/JavaVirtualMachines/jdk1.8.0_111.jdk/Contents/Home/bin/java (Oct 3, 2017, 11:33:29 PM)

Path is [NNNEEE, NNEENE, NNEENE, NNEEEN, NENNEE, NENNEE, NEEEN, NEENNE, NEENNE, NEEENN, ENNNEE, ENNEEN, ENENNE, ENENNE, ENENNE, EENNEN, EXECUTION time: 24ms

EENENN, EEENNN]

Ex(2)

<terminated> latticePath [Java Application] /Library/Jav

Enter the lattice size:

[NE,EN,D]

Execution time: 0ms

<terminated> latticePath [Java Application] /Library/Java/JavaVirtualMa

Enter the lattice size:

[NNEE, NENE, NEEN, ENNE, ENEN, EENN, NDE, DD, EDN]

Execution time: 0ms

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Enter the lattice size:

[NNNEEE, NNEENE, NNEENE, NEEEN, NEENEE, NEENEN, NEENEN, NEENEN, NEENEN, NEENEN, ENNNEE, ENNEEE, ENNEEN, ENENNE, ENENNE, ENENNE, EENNEN, EENNEN Execution time: 1ms

EEENNN, NNDEE, NDDE, NDED, DNDE, DDD, DEDN, EDND, EDDN, EEDNN]

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<terminated> stringDemo [Java Application] /Library/Java/JavaVirtualMachir

Please enter String: mississippi

Please enter SubString:ssi

Substringssi was found in mississippi 2 times

<terminated> stringDemo [Java Application] /Library/Java/JavaVirtualMa

Please enter String:mississippi

Please enter SubString:p

Substringp was found inmississippi 2 times

<terminated> stringDemo [Java Application] /Library/Java/JavaVirtualMachines/jdk1.8.

Please enter String:wonder

Please enter SubString:wonderful

No matches - substring wonderful was not found in wonder

<terminated> stringDemo [Java Application] /Library/Java/JavaVirtualMachines

Please enter String:mississippi

Please enter SubString:M

No matches - substring M was not found in mississippi

<terminated> stringDemo [Java Application] /Library/Java/JavaVirtualMachines/jdk1

Please enter String:abcdeeedddeee

Please enter SubString:dee

Substringdee was found inabcdeeedddeee 2 times

Ex(2)

013		J.		
	Α	В	С	D
1	substring	number of m	Time taken(n	ns)
2	CC	1458	20	
3	AGT	291	21	
4	AA	1298	22	
5	GT	1083	23	
6	Α	4833	22	
7	GGG	421	23	
8	ABCD	0	22	
9				
10				
11				