CSE406 Offline 1 : Report

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CSE-B1

Task 1:

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Plain Text:
In ASCII: Can They Do This
In Hex: 43616e205468657920446f2054686973

Key:
In ASCII: BUET CSE18 Batch
In Hex: 425545542043534531382042617463568

Cipher Text:
In Hex: 80862e1d517c4bda30183d64b2302134
In ASCII: .Q|KÚ0=d²0!4

Deciphered Text:
In Hex: 43616e205468657920446f2054686973
In ASCII: Can They Do This

Key Scheduling: 0.0006325244903564453 seconds
Encryption: 0.30475401878356934 seconds
Decryption: 0.35060644149780273 seconds
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Task 2:

k	Computation time for				
	p	g	a or b	A or B	shared key
128	764.262056	0.115871	90.062737	0.042462	0.04344
192	3573.793268	0.120211	416.810822	0.064802	0.064754
256	9880.208063	0.18611	1695.487881	0.115585	0.126934