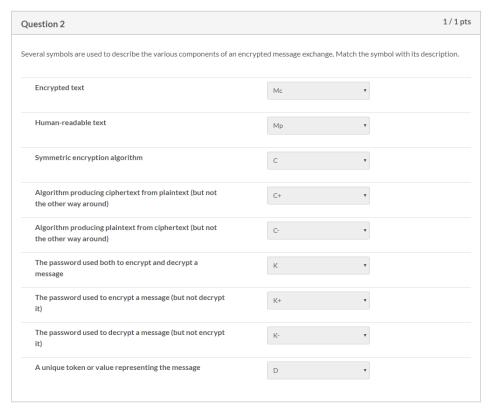
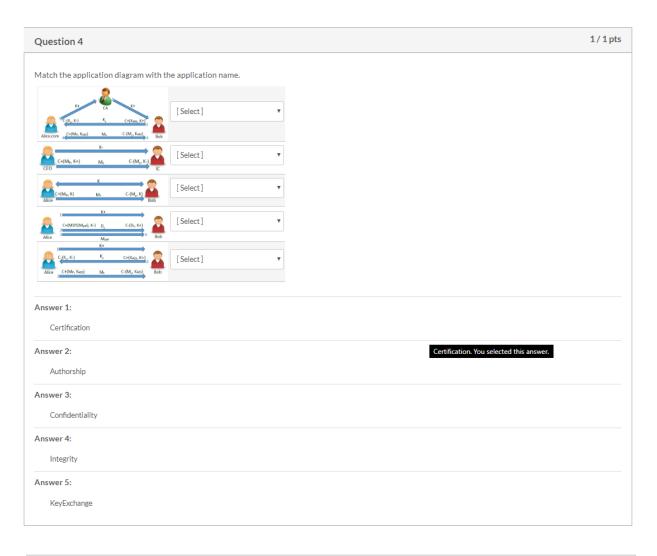
What name do we use when referring to the originator of an encrypted message:    Alice	Question 1		1/1pt
Answer 1: Alice Answer 2: Bob Answer 3:	What name do we use when referr	ing to the originator of an encrypted message:  Alice  What name do we use when	n
Answer 1: Alice Answer 2: Bob Answer 3:	referring to the recipient of an end	rypted message: Bob What name do we use when referring to the individual at	tempting
Alice Answer 2: Bob Answer 3:	to intercept an encrypted message	: Eve	
Alice Answer 2: Bob Answer 3:			
Answer 2: Bob Answer 3:	Answer 1:		
Bob Answer 3:	Alice		
Answer 3:	Answer 2:		
	Bob		
Eve	Answer 3:		
	Eve		



Partial	Question 3	0.83/1 pts
	XOR	C+(Mp, K) FOR i - each token i ▼
		C+(Mp, K) FOR I - each token in Mp Mc[i] - Mc[i] XOR K RETURN Mc
Codeb	oook	C+(Mp, K) FOR i - each token in Mp Mc - K[Mp[i]] RETURN Mc
AES		Cipher(byte in[4*Nb], byte out [4*Nb], word w[Nb*(Nr+1)]) byte state[4,Nb] state - in AddRoundKey(state, w[0, Nb-1]) for round - 1 step 1 to Nr-1 Su
Caesar		C+(Mp, K) FOR i - each token in Mp Mc[i] - (Mp[i] + K) % sizeAlphabet RETURN Mc
Book		C+(Mp, K) offsetPrevious - 0 F OR i - each token in Mp offsetNext - offsetPrevious + random() offsetNext - findWordBeginningWithLetter(of
Polyalpha	abetic	C+(Mp, K) FOR i - each token i   C+(Mp, K) FOR i - each token in Mp Mc[i] - (Mp[i] + K[i % sizeKey]) % sizeAlphabet RETURN Mc





Question 6 10/10 pts

Decrypt the following message that was encrypted with a book cipher where the key is "Proverbs 3."

50 216 55 23 9 27 10 96 72 59 216 101

Note that there are many possible ways to decipher this. The numbers could be absolute position from the front of the chapter, or they could be relative to each other. They could correspond to words, or they could correspond to letters. Headings, punctuation, and numbers may or may not be ignored. You will need to try many things.

Write the answer in ALLCAPS with no spaces.

TRUSTTHELORD

Question 7 5/5 pts

Using the Golden Bug, what is the key for the following Caesar Cipher message?

ESFQQWSJKSYGAUGFLJSULWVSFAFLAESUQOALZSEJOADDASE DWYJSFVZWOSKGXSFSFUAWFLZMYMWFGLXSEADQSFVZSVGFUW  ${\tt TWWFOWSDLZQTMLSKWJAWKGXEAKXGJLMFWKZSVJWVMUWVZAE}$ LGOSFLLGSNGAVLZWEGJLAXAUSLAGFUGFKWIMWFLMHGFZAKV AKSKLWJKZWDWXLFWOGJDWSFKLZWUALOGXZAKXGJWXSLZWJK SFVLGGCMHZAKJWKAVWFUWSLKMDDANSFKAKDSFVFWSJUZSJD WKLGFKGMLZUSJGDAFSLZAKAKDSFVAKSNWJQKAFYMDSJGFWA LUGFKAKLKGXDALLDWWDKWLZSFLZWKWSKSFVSFVAKSTGMLLZ JWWEADWKDGFYALKTJWSVLZSLFGHGAFLWPUWWVKSIMSJLWJG XSEADWALAKKWHSJSLWVXJGELZWESAFDSFVTQSKUSJUWDQHW JUWHLATDWUJWWCGGRAFYALKOSQLZJGMYZSOADVWJFWKKGXJ WWVKSFVKDAEWSXSNGJALWJWKGJLGXLZWESJKZZWFLZWNWYW LSLAGFSKEAYZLTWKMHHGKWVAKKUSFLGJSLDWSKLVOSJXAKZ FGLJWWKGXSFOESYFALMVWSJWLGTWKWWFFWSJLZWOWKLWJFW PLJWEALQOZWJWXGJLEGMDLJAWKLSFVKSFVOZWJWSJWKGEWE AKWJSTDWXJSEWTMADVAFYKLWFSFLWVVMJAFYKMEEWJTQLZW XMYALANWKXJGEUZSJDWKLGFVMKLSFVXWNWJESQTWXGMFVAF VWWVLZWTJAKLDOHSDEWLLGTMLLZWOZGDWAKDSFVOALZLZWW PUWHLAGFGXLZAKOWKLWJFHGAFLSFVSDAFWGXZSJVOZALWTW  $\verb"suzgflzwkwsugsklakugnwjwvoalzsvwfkwmfvwjyjgolzg"$  $\verb"XLZWKOWWLEQJLDWKGEMUZHJARWVTQLZWZGJLAUMDLMJAKLK"$ GXWFYDSFVLZWKZJMTZWJWGXLWFSLLSAFKLZWZWAYZLGXXAX LWWFGJLOWFLQXWWLSFVXGJEKSFSDEGKLAEHWFWLJSTDWUGH HAUWTMJLZWFAFYLZWSAJOALZALKXJSYJSFUW

I wrote a program to help me crack this. Just a few lines of C++ code.

Write the key as a positive number.

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