

Assignment 1

Due on 11th April 2019, 11:59pm, electronically via the 'Assignment1' link in Blackboard.

Marking scheme and feedback form

Group Number:	Student Name	Team member 1	Team member 2
	Sam Doherty		
Student Number		23130069	

Mark	Comment	
		Cipher 1 (25 marks)
		Cipher broken: encryption key provided (4 marks), plaintext provided (3 marks)
		Type of cipher determined correctly by, for example, frequency distribution, IC, Kasiski, etc – all the workings shown (6 marks)
		Detailed description of the performed cryptanalysis (9 marks)
		Plaintext presented with spaces, capital letters and punctuation marks (3 marks)
		Cipher 2 (25 marks)
		Cipher broken: encryption key provided (4 marks), plaintext provided (3 marks)
		Type of cipher determined correctly by, for example, frequency distribution, IC, Kasiski, etc – all the workings shown (6 marks)
		Detailed description of the performed cryptanalysis (9 marks)
		Plaintext presented with spaces, capital letters and punctuation marks (3 marks)
		Cipher 3 (25 marks)
		Cipher broken: encryption key provided (4 marks), plaintext provided (3 marks)
		Type of cipher determined correctly by, for example, frequency distribution, IC, Kasiski, etc – all the workings shown (6 marks)
		Detailed description of the performed cryptanalysis (9 marks)
		Plaintext presented with spaces, capital letters and punctuation marks (3 marks)
		Cipher 4 (25 marks)
		Cipher broken: encryption key provided (4 marks), plaintext provided (3 marks)
		Type of cipher determined correctly by, for example, frequency distribution, IC, Kasiski, etc – all the workings shown (6 marks)
		Detailed description of the performed cryptanalysis (9 marks)
		Plaintext presented with spaces, capital letters and punctuation marks (3 marks)
		TOTAL out of 100