

Project	Referent	Project	Students	
			Max	Assigned?
Checkerboard cipher (Decryption module)	Luca Crocetti (luca.crocetti@phd.unipi.it)	checkerboard_dec_module	3	N
Checkerboard cipher (Encryption module)	Luca Crocetti (luca.crocetti@phd.unipi.it)	checkerboard_enc_module	3	N
Full Hash algorithm (AES S-box based)	Luca Crocetti (luca.crocetti@phd.unipi.it)	full_hash_algorithm_aes_sbox	2 or 3	N
Full Hash algorithm v2 (DES S-box based)	Luca Crocetti (luca.crocetti@phd.unipi.it)	full_hash_algorithm_des_sbox	2 or 3	N
<del>Light Hash algorithm (AES S-box based)</del>	<del>Luca Crocetti (luca.crocetti@phd.unipi.it)</del>	<del>light_hash_algorithm_aes_sbox</del>	<del>2</del>	<del>N</del>
<del>Light Hash algorithm v2 (DES S-box based)</del>	<del>Luca Crocetti (luca.crocetti@phd.unipi.it)</del>	<del>light_hash_algorithm_des_sbox</del>	<del>2</del>	<del>N</del>
Rotary Substitution Table cipher (Decryption module)	Luca Crocetti (luca.crocetti@phd.unipi.it)	rot_sub_table_ciph_dec_module	2 or 3	N
Rotary Substitution Table cipher (Encryption module)	Luca Crocetti (luca.crocetti@phd.unipi.it)	rot_sub_table_ciph_enc_module	2 or 3	N
<del>Stream cipher (AES S-box based)</del>	<del>Luca Crocetti (luca.crocetti@phd.unipi.it)</del>	<del>stream_cipher_aes_sbox</del>	<del>2</del>	<del>Y</del>
Simplified RC4 stream cipher (decryption module)	Luca Crocetti (luca.crocetti@phd.unipi.it)	simplified_rc4_stream_cipher_dec_module	1 or 2	N
Simplified RC4 stream cipher (encryption module)	Luca Crocetti (luca.crocetti@phd.unipi.it)	simplified_rc4_stream_cipher_enc_module	1 or 2	N
Substitution Table cipher (Decryption module)	Luca Crocetti (luca.crocetti@phd.unipi.it)	sub_table_ciph_dec_module	1	N
<del>Substitution Table cipher (Encryption module)</del>	<del>Luca Crocetti (luca.crocetti@phd.unipi.it)</del>	<del>sub_table_ciph_enc_module</del>	<del>1</del>	<del>Y</del>
Tiny Encryption Algorithm (Decryption module)	Luca Crocetti (luca.crocetti@phd.unipi.it)	tea_dec_module	2 or 3	N
Tiny Encryption Algorithm (Encryption module)	Luca Crocetti (luca.crocetti@phd.unipi.it)	tea_enc_module	2 or 3	N
2-stage Caesar Cipher	Stefano Di Matteo (stefano.dimatteo@phd.unipi.it)	2-stage_caesar_cipher	1	N
<del>3-stage Caesar Cipher</del>	<del>Stefano Di Matteo (stefano.dimatteo@phd.unipi.it)</del>	<del>3-stage_caesar_cipher</del>	<del>1 or 2</del>	<del>Y</del>
<del>Simple Asymmetric Encryption Algorithm v1</del>	<del>Stefano Di Matteo (stefano.dimatteo@phd.unipi.it)</del>	<del>simple_asymmetric_encryption_v1</del>	<del>2</del>	<del>Y</del>
Simple Asymmetric Encryption Algorithm v2	Stefano Di Matteo (stefano.dimatteo@phd.unipi.it)	simple_asymmetric_encryption_v2	2 or 3	N
Vigenère Cipher	Stefano Di Matteo (stefano.dimatteo@phd.unipi.it)	vigenere_cipher	2	N
Light HASH algorithm v1	Stefano Di Matteo (stefano.dimatteo@phd.unipi.it)	light_hash_v1	2 or 3	N
Light HASH algorithm v2	Stefano Di Matteo (stefano.dimatteo@phd.unipi.it)	light_hash_v2	2 or 3	N
Light XOF function v1	Stefano Di Matteo (stefano.dimatteo@phd.unipi.it)	light_xof_v1	2 or 3	N
Light XOF function v2	Stefano Di Matteo (stefano.dimatteo@phd.unipi.it)	light_xof_v2	2 or 3	N
Polyalphabetic substitution cypher encryption (with random table)	Stefano Di Matteo (stefano.dimatteo@phd.unipi.it)	polyalphabetic_substitution_cipher_enc	2	N
Polyalphabetic substitution cypher decryption (with random table)	Stefano Di Matteo (stefano.dimatteo@phd.unipi.it)	polyalphabetic_substitution_cipher_dec	2	N