Writing Smart Contracts Assignment 01: Introduction

Peter H. Gruber

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Compulsory Exercise	
Exercise 1. Write a short (≤ 2 sentences) definition of the following terms:	
(a) Hash	
(b) Address	
(c) Block	
(d) Consensus algorithm	
Exercise 2. Which	n of the following cryptographic functions are required for what on the
blockchain? Link with an arrow.	
Hashing \bigcirc	○ Ensure that transactions are authentic
Encryption (O Ensure that transactions cannot be reversed
Signing ()	○ Ensure that transactions are secret
	n (or finish watching) the introduction to Algorand by Silvio Micali on
Youtube: https://www.youtube.com/watch?v=NykZ-ZSKkxM	

Exercise 4. Watch (or finish watching) the calculation of the SHA-256 algorithm by hand: https://www.youtube.com/watch?v=y3dqhixzGVo