COURSE: Computer Security Essentials		MARKS:
CODE: CN4244 **ASSESSMENT:** Tutorial 1 **DURATION: 2** Hours		
Information Leakage		

Computer Hackers may take advantage of the weakest link in our security chain — our human workforce — to gain access to corporate systems. Attackers use increasingly sophisticated trickery and emotional manipulation to cause employees, even senior staff, to surrender sensitive information. This tutorial is to learn about the stages of information leakage-based attack, the top threats of these attacks according to the InfoSec Institute, and best practices to defend against them.

Exercise 1: **Fill in the following table by describing the listed types of information leakage-based attacks (Social Engineering Attacks).**

Information Leakage-Based Attacks	Description
Phishing	
Watering Hole	
Whaling Attack	
Pretexting	
Baiting and quid pro quo attacks	
Scareware	
Spear phishing	

Exercise 1: Fill in the following table by describing the listed 10 real and famous cases of social engineering attacks.

No	Case of Social Engineering	Description
1	Shark Tank, 2020	
2	Toyota, 2019	
3	Cabarrus County, 2018	
4	Ethereum Classic, 2017	
5	Democratic Party, 2016	
6	Ubiquiti Networks, 2015	
7	Sony Pictures, 2014	
8	South Carolina Department of Revenue, 2012	
9	Associated Press Twitter Accounts, 2013	
10	Yahoo! Security Breaches, 2016	
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End of Tutorial 1