

COMPUTER SECURITY EXERCISE ONE.

GROUP MEMBERS.

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a) John copies Mary's homework.

Classification: Violation of confidentiality.

Explanation: John accessing and copying Mary's homework without her permission breaches the confidentiality of Mary's academic work.

b) Paul crashes Linda's system.

Classification: Violation of availability.

Explanation: Paul's action of crashing Linda's system prevents her from accessing her data or services, thus disrupting the availability of her system.

c) Otim changes the amount of Atim's check from 300,000/= to 3,000,000/=

Classification: Violation of integrity.

Explanation: Otim's alteration of the check's amount compromises the integrity of the financial transaction, as it manipulates the data to deceive and potentially defraud Atim or the financial institution.

d) Gina forges Roger's signature on a land title.

Classification: Violation of integrity.

Explanation: Gina's forging of Roger's signature on the land title document tampers with the integrity of the document, as it falsely represents Roger's authorization and intention.

e) Rhoda registers the domain name “cheza.com” and refuses to let the publishing house buy or use that domain name.

Classification: Violation of availability.

Explanation: Rhoda's refusal to allow the publishing house to use or buy the domain name "cheza.com" restricts their access to that domain, thereby violating its availability for legitimate use.

f) Jonah obtains Peter’s credit card number and has the credit card company cancel the card and replace it with another card bearing a different account number.

Classification: Combination of confidentiality and availability violation.

Explanation: Jonah's unauthorized access to Peter's credit card information breaches confidentiality. Additionally, by having the credit card company cancel the card and replace it, Jonah disrupts the availability of Peter's financial instrument.

g) Henry spoofs Julie’s IP address to gain access to her computer.

Classification: Violation of confidentiality.

Explanation: Henry's act of spoofing Julie's IP address and gaining unauthorized access to her computer exposes confidential information stored on Julie's system to potential theft or misuse.