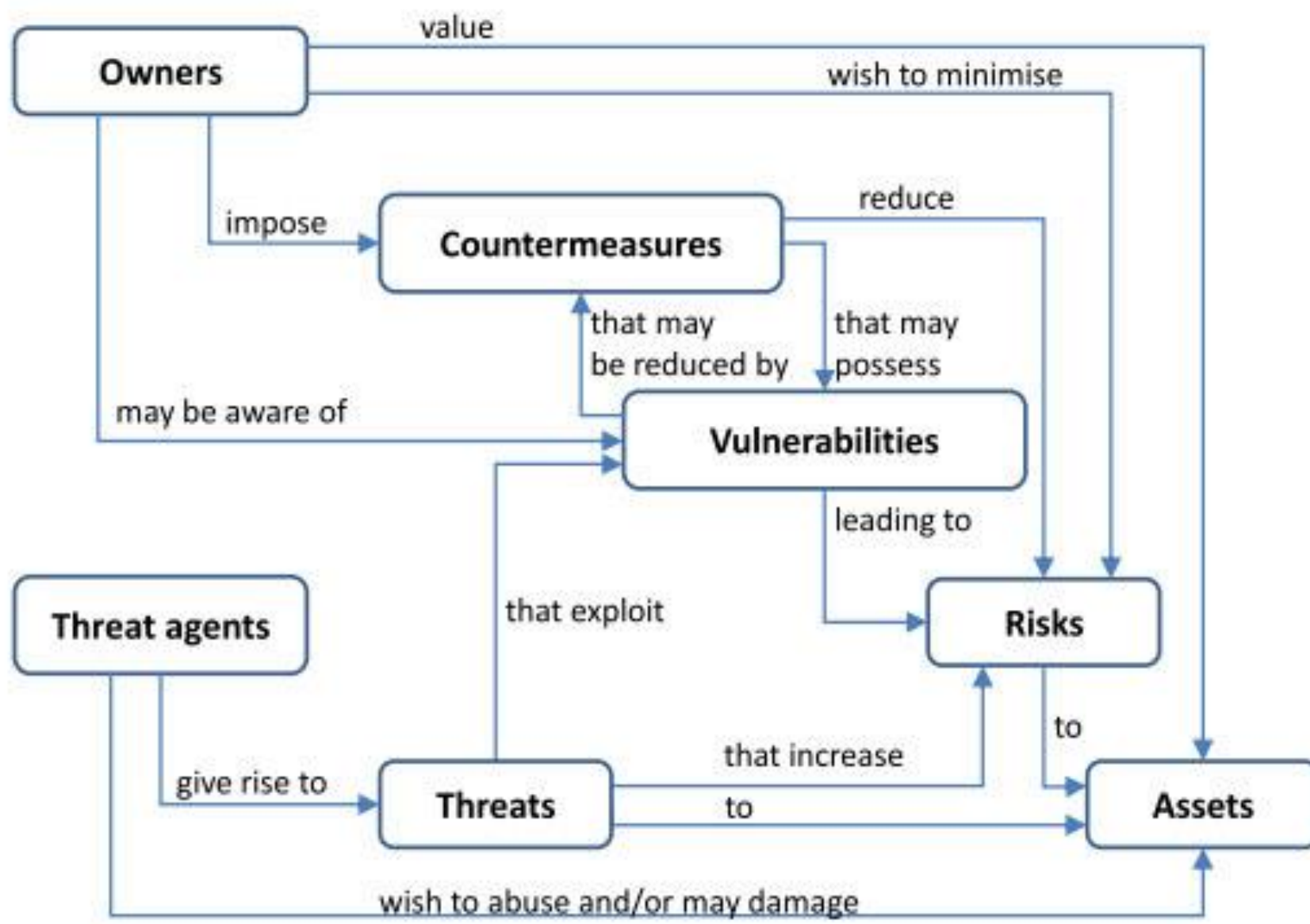# Secure Coding

Threat modeling | Risk Assessment | Fun

Ver. 0.3 | Naji El Kotob

Asset (مورد رئيسي) / أصل: Items of value

Vulnerability ثغرة أمنية : A defect or weakness

Threat تهديد: The possibility of an event

Threat Agent مصدر التهديد: A person, actor, organization, disaster, or other entity that initiates the occurrence of a threat.

Vector ناقل: The path or source through witch a threat is delivered.

Risk مخاطرة: The likelihood that a particular threat will actually materialize.
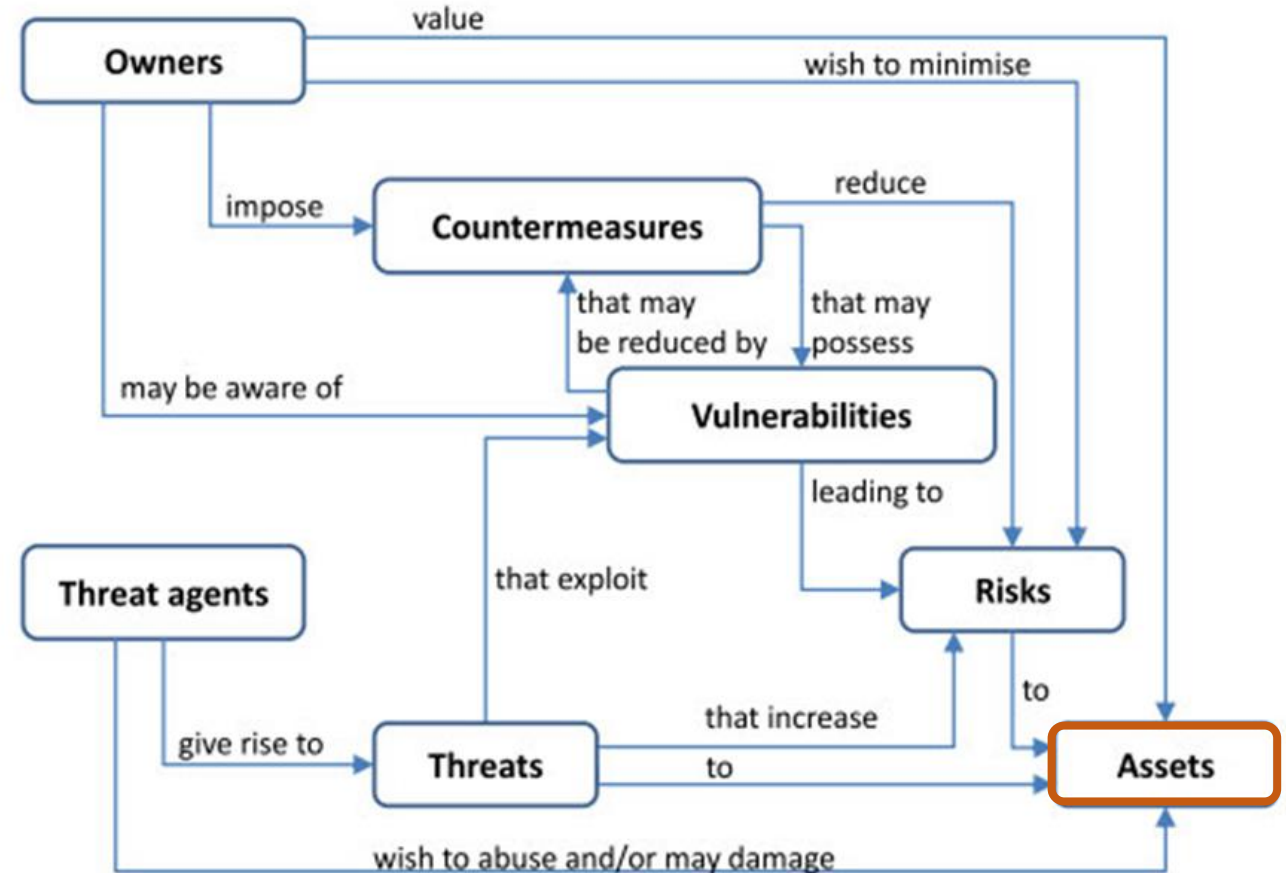
Risk Ranking ترتيب المخاطر: Risk is often ranked in terms of Probability x Impact
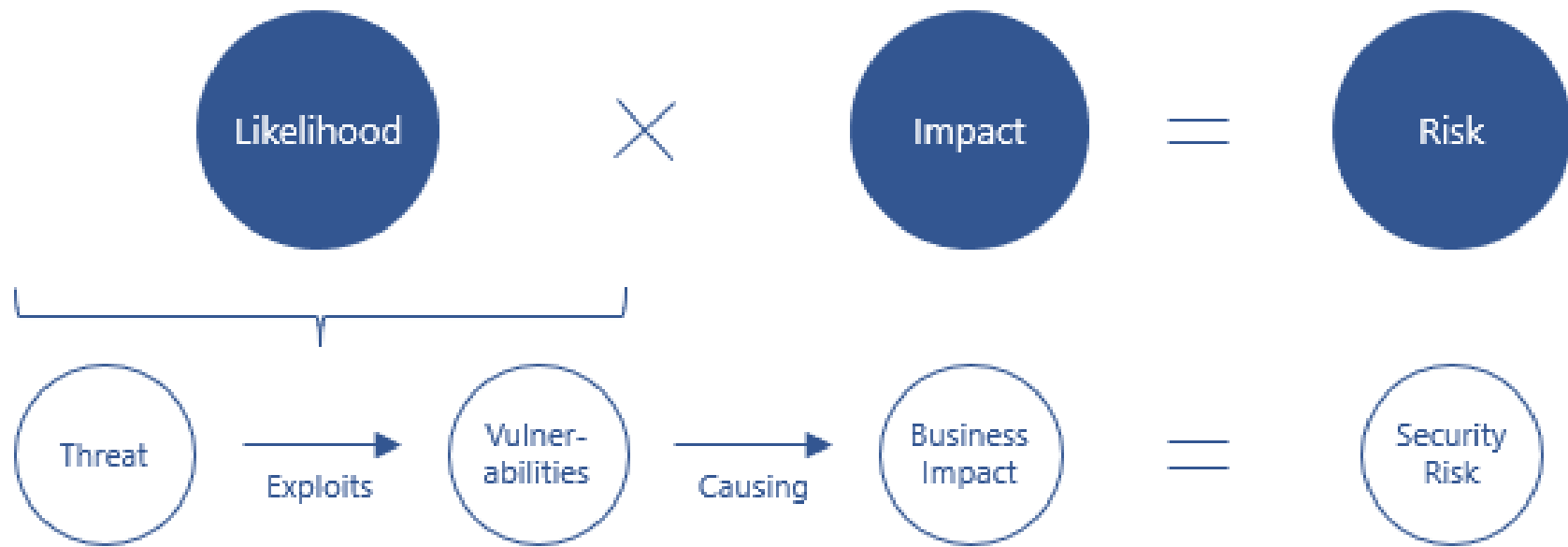
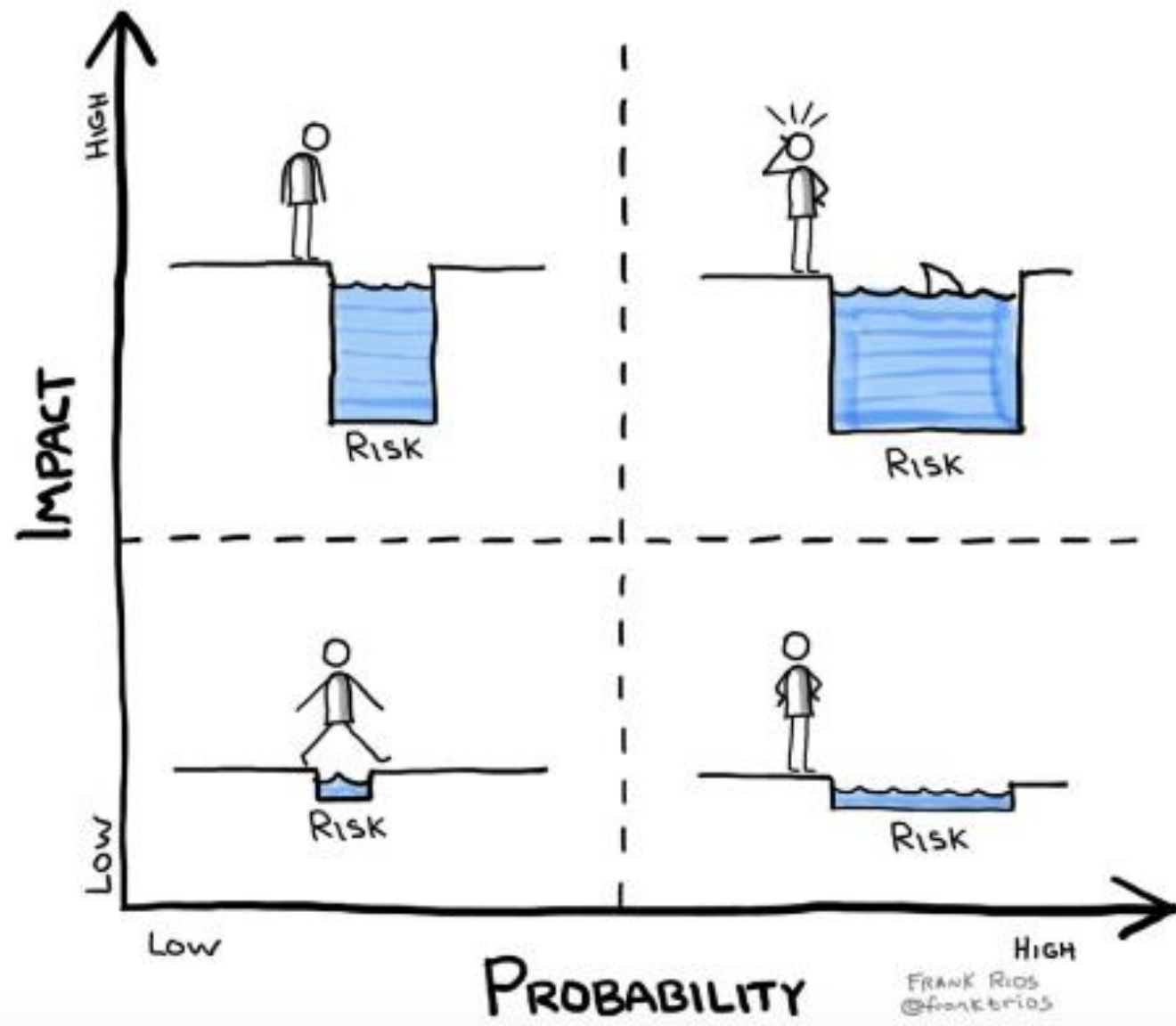**Exploit استغل:** A particular procedure or tool that facilitates a particular type of threat.

Consequences العواقب: Damage that results from a threat being carried out.

Countermeasure إجراء مضاد: Countermeasures are code, configuration of systems, etc.

Owners

Naji El Kotob

IMPACT (vertical axis: Low to High)

PROBABILITY (horizontal axis: Low to High)

RISK (labeled on all four quadrants)

FRANK RIOS
@frankbrios

Impact	rare	unlikely	possible	likely	certain
catastrophic	Low Med	Medium	Med High	High	High
critical	Low	Low Med	Medium	Med High	High
moderate	Low	Low Med	Medium	Med High	Med High
minor	Low	Low Med	Low Med	Medium	Med High
neglectable	Low	Low	Low Med	Medium	Medium

Likelihood

The Information Security Triad

C Confidentiality

I Integrity

A Availability