Dtr-brer heap: ptv-next MB /MB meta

Meta

Mal(oc ( MB)) = malloc (10 mB); 1 MB ptr\_prev ptr-next padding meta: Size 2 linked list Chain of Allocated block
(chain of typed block) tree (ptr1); Pty3 = ma ((oc ( /MB);

String: format Drintf (= hello % 5 % 5 3, a, b); Tello 755/05 printf ( hello % 5 % 5); Fhello % 5/05 ( Cegit 2 77 OPYYEAR faint format string attacker

SQL Injection:

Client
Query

Student

Ell

Ell

Server

Ell

Server

Ell

Server

Ell

Server

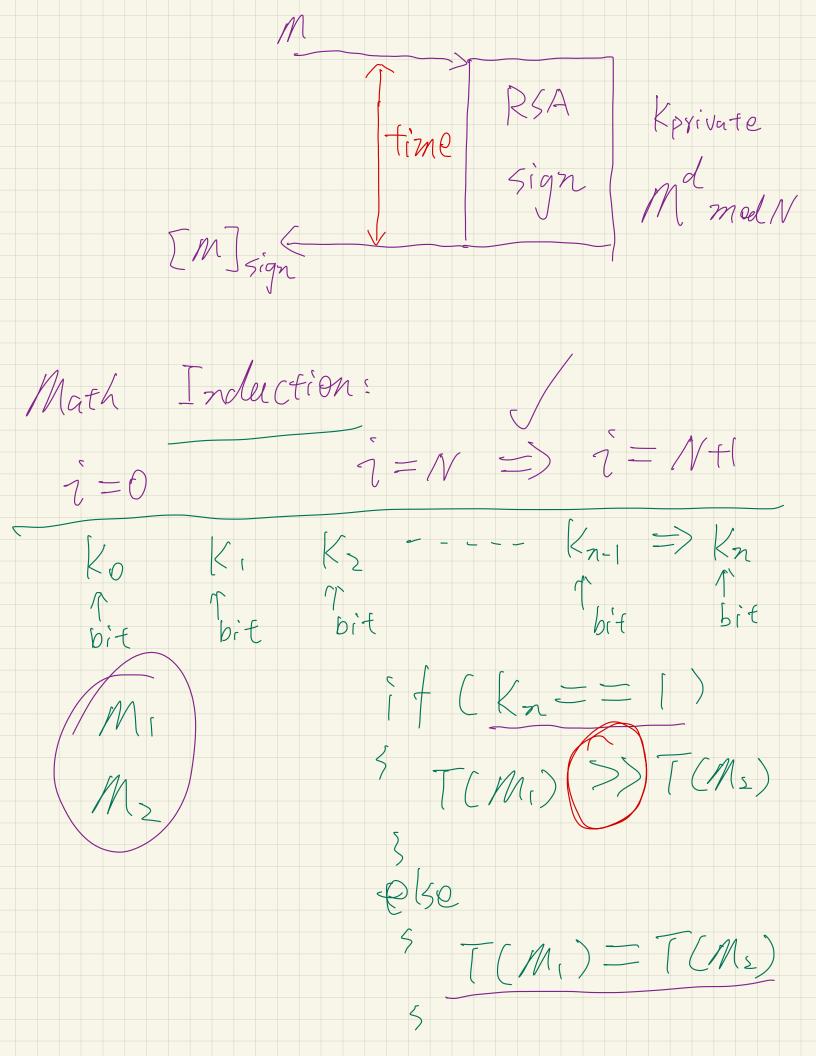
Server FAlice - SQL SELECT X FROM STUDENT WHERE

Alice's

Frue [A (ice OR (= [; ) always true

SQL Injection:

Poot (auge) code



3 quare & multiply

X.M. > mod(x.m., N)

Thiming diff

X.M. = mod (x.M., N)

Viction affack table [idx]; flush & Reload: Wait unti some secret-dependent men access has been done by Viction

relodd reload relocat reload Slow slow slow 5/0W tast ACCOLLON Victim