Prosjeret del 2 - Scala: Actorsystem: Hirarchical group of actors that share common configuration options. Responsible for creating new actors, locating actors within an actor system, and logoling important events. BankManager -> banks { bankip : Actor Ref } accounts & Actor Ref & -> create_ Actorclass: a template that describes a state internal to the actor, and how the actor processes missages. Multiple actors can be created from the same actor class. bank ID -> reference to Bank Account balance transactions & Describes the behavior of an actor: now the actor responds to messages and communicates with other actors, encapsulates actor state, and defines the actors startup and shutdown sequences. peclearing as Actor when class _ extends Actor " -> Has I method recieve which returns a Partial Function [Any, Unit]: is used whin an actor recieves a message of any type. If the Particularition is not defined for the message, the message is descorded bankID accounter -> To our 4 units unique 10 (Acc) Bonk Auso nas recieve. Transactions: > send Transaction TO Bank sending to A's bank ACC (A) -> Transferto. 4 Bank(A) Jecieves t -> A: withdraw (Amount) process Transaction (t) Add new transaction to transactions - hashmap. "NO such Elimentex" in Bank amount that was internal:

sends to (B)

rcievest

GACOLB)

to A with fail! ACC(A) recieves receipt: update information i'n transactions

ACC A

duposit

sends 6 receipt to ACC (A)

-35 and Reciept

External sends to Bounk with Bankib (repeat plouss)