ssignment 2: Problem + MAX\_BED\_TEMP: +MIN-BATH-TEMP: IN +MAX\_BATH\_TEMP: Integer = 70 +MIN\_LIVING\_TEMP: Integer = 60 +MAX\_LIVING\_TEMP: Integer = 72 - RoomType: enum (BED, BATH, LIVING) - bedrooms: Bedrooms - bothrooms: Bothrooms - living Rooms: Living Roome +aetBedTemp(): Integer + Set Form (Integer): Thermostat + set Bath Temp (Integer): Thermostat + set Bath Temp (Integer): Thermostat + set Living Temp (): Integer + set House Temp (Integer): Thermosta + set House Temp (Integer): Thermosta - check Temp (Integer, Room Type): Integer

A2: Problem 2 Person - first Name: String - lost Name : String - address: String - Email Striv + CARD\_NUM\_LEN. Integer=9 - card Number: String - card Owner: Person todal (Amount): Amount + Subtract (Amount): Amo +deposit Gift (Deposit); Gifterd - validate Deposit (Degos, t): voice - varidate Coul Number (String): vo - is Digit (String): boolean +MIN\_AMOUNT: Amount = \$1.00 +MAX AMOUNT: Amount = \$200.00 - amount 'Amour - recipient First Name: String - recipient Last Name: String - card Number: String -validate Amount (Amount): void

A2° Problem 3 FoodItem - name: String - Price Per Unit. Double - quantity: Integer Perishable Food Item Non Perishable Food Item +MAX\_QUANTITY: Integer = 60 K -order Date: Integer -expiration Date: Integer Y+MAX QUANTITY: Integer = 250 Food Ordering Suster - Perishable Inventory: Perishable Food Item [] - non Perishable Inventory Non Perishable Food Item [] AZ. Froblem

