Problem L: School Results Application Shreya Gogal 10 Class Diagram Student: John 1 Subject 27 : 69 Student 1 nas subjects 1- name : String / du? -name: String 1- Score float -id; String 1 +getscore(). 1+ get Subjects() 1 1 + get Name () 1 1 + add Subject() 1 | Subject : Mathe ! 1 "estenty" " extract 1 GradeCalculator CF : 58058 1 ---+AA-5+ 1+ Calculate Grade (Student : "Student): String 1 Tresport. Oburd terefor -CHO Study

Object Diagram m 3 3 3 22010 | Student: John id: "\$101" 1.8 Not Subjects 1 Subjects: contains Subject : Suence | Subject: Mathe | name = "Science" I name: "Maths" ! score = 85 | Score: 90 1 Sequence Dagram [Problem 1] Grade Calculato (Subject - Subject - Subject -Student - request Grade(). -- get Subjects() 1--- Compute Average () using Subjects |--- determine Grade (Average) K-- returbrade () --

Problem 2: Grocery Store Bill Generation Application Shreya Goyal class Diagram + purchases (composition) + + | -name: string! Customes 1- price : float 1-quantity ont -name : String) 1 + get-Total Price () - id: String! tgetProducts() Composed of 1+ add Product () logge : Lubor 9 name = " Apples" price - 3.0 1 Bill Generator 1 through guantity = 2-1 + generate Bill (customes: (ustomes): float Sequence (ustomes (-- () two body ... tribust does rop. (1 la tottitaine) (Hithoup & soing)

