SOLID Principles * We have learnt OOPS and concept of classes and object but designing a good class and Object oriented design is hard. ie To design classes, there are some principles which ensures the source code es extendable, managable and bug feele. Les Their principles are o Open Liskov Interface Dependency -close substitution seggration Inversion poinciple poinciple poinciple Smale. Responsibility poinciple

1. Single Responsibility poinciple & Any Module should be changed by only "I Actor" Employee 7 Used by CFO Data > Used by HR + (alwaresall) + Calculardeh rSC)-> Used by Tech + Save Emp Data ()-Let's say there's a privade mothod gothers(); there is used Prisicle Calculate Sal () Calculate Host) 4 Now there is some change sequired In Calulate Sal() which also changes

gethrs() -- this will empart calculatelys() as well, 50, change made by one person is appealing other functions which may be used by some other team. R This is bad design of clars, because it es possible that thes clar es used by various other flams and code change by one flam appects the other kam. Solution Break the class Store da ta Cal has Cal solary Claro Claro