Prorjal Bhatt FU3F2223089 TE 18/ COMPS 8036 Il What is service oriented architecture & explain how it is support cloud computing service Orientell drehitocture (501) It is a software design approch where application are built using loosely coupled services that communicate over a network These services are independent be reusable presning different application can use them without modifying their internal Logic Also it provides specific functionalities such as authentication I data processing or storage. 50A supports cloud computing It supports cloud computing in following ways. 1. Modelarity: Cloud services are designed as independent modular isust like soft based services matter than cody excepting from scratch 2. Scalability SOA allows cloud application to scale by adding more services as required-3. Keusasility: Cloud provides offer common services that can be rewed across multiple application. Floribility: Developers can brild applications by combining various cloud services 79 ther than coding everything from sea scratch

sof form foundation of cloud computing by ensuring that applications can use distributed resources efficiently & in tegrate various cloud services seamlessly.