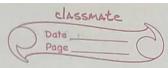
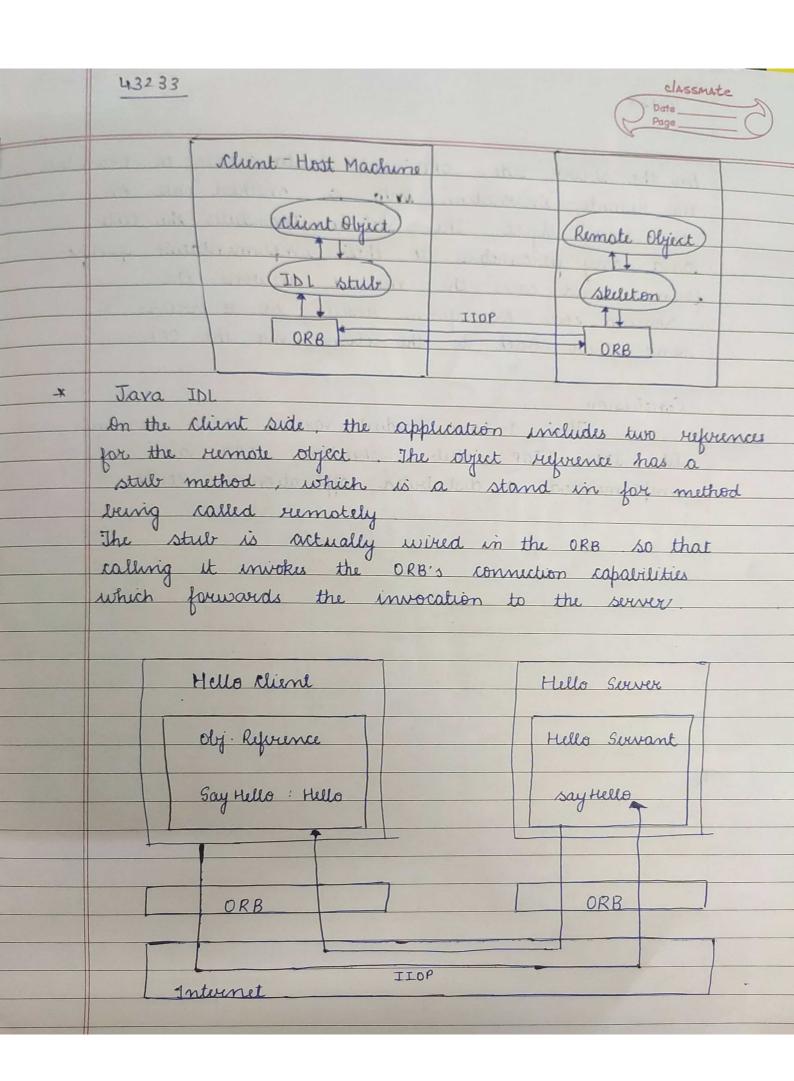
Assignment 3 Ain: CORBA using Java STE IDL Problem statement: To develop any distributed application with CORBA program using java IDI Objectives: To implement any distributed application based on CORBA for the chant side of a majorialis for Theory: about atomas a ret warredow presignation CORBA mysto set h madestrument I It stands for common Object Request Broker Architecture 2. It is a specification for creating distributed objects & NOT a programming language. 3. It promotes design of applications as a set of co-operating 4. CORBA objects run on any platform can be located anywhere on the network and can be written in any language that has idl mapping 5. CORBA is integral part of JAVA platform It consist of Object Request Broker, API's for the RMI programming model and API's for IDL programming model. Thus, the Java CORBA ORB supports both RMI and IDI programming models 6. CORBA app. is developed eising Interface Definition Language (IDI). The IDI is used to define interfaces and the JAVA IDL is used compiler generate skeleton code 7. IDI is Interface Definition Language which define protocol to access objects stul livis on client and preterid to be remote object skeleton lives



	on serves to be receives requests from stub, talks to the remote object and delivers response
	to the remote object and delivers response
	to still.
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*	Architecture
1	It is present on chient side as well as survey side
	of the remote object.
	of the remote object.
2.	on the client side, ORB is responsible for
	· Accepting responses for a remote objects.
	· Funding implementation of the object
	orcaping went side reference to the remote which
*	converted in a specific language ea
	The same of the sa
	country aunt methods call through the object
	Elevence to the object implementation
7	4. Coper whethe your per day planter from
5.	On the surver side the ORB
	Oct. distriction that had been produced from
	· lets object servers register new objects
	runt alquest from client ORB
,	activation method
	a suration method
	o creates interface for new object and islands it
	back to client
4.	Returne 11 and
	Between the ORB's Internet Inter ORB Protocol is
	used for communication
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	and british to be surely that the birthey bear





On the surver side, ORB uses skiliten code to translate the remote invocation into a method call on the local object. The skeleton translates the call and any parameters to their implementation specific format and calls the method ruturns the skeleton code transform result or to errors & send then back to the clint via the ORB's

Conclusion

Thu, I have studied Various CORBA elements like IDI, IIOP, stub; skeleton, ORB and implemented a distributed application in CORBA.

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