0 Ref. No.:

	Date:
	Assignment No:1
	Aim: Implement multithreaded client/server process
	Aim: Implement millstonianto cutto)
	communication using RM
	Live tion
	Dis also multiliseaded dient server process communications
	86): Develop multitheraded dient/server process communication
	useng java RMI
	softmare used: Java Edipse IDE, JDK
	software used: Java Edipse IDE, JDK
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	theory. RM provided remote
	gliect runing on another machine. RMI provided remote
6	applicational about a series ain't request troop mont
a t	Rost has client of seaver come some some objects makes
	1) d typical evenuer program creates come somote objects makes
	1) a grant acceptible waite for clients to
	references to objects accessible, waits for clients to
149	truple methods on the
	2) A typical client program obtains a de la come
	to one or more remote objects on seawer and market
	methods on them.
	megasia della contra via retrical malatala
	1 to time hed to do the following:
	Distributed object applications need to do the following.
	le la romate abject
1	o Communicate with remote objects.
	· load class définations por object passed around.
	The same of the sa

Ref. No.: 2

Date:

How RMI provides remote communication? The RMI provides remote communication by Wing two objects etub & skeleton. now many places the tring staring stone stand with The stub is an expect, outs as gateway for client side. when caller imply method, it does fell tasks: · initiates convection with vernote Tum exactles and transmits parameters to remote. Ivm. · waite for resulting males and by the · leads the return value. esturus value to carles side dans of delo 2) stealeton bonisch abankan grant jule mensmatt acts as gateway to server side object. It does foll · peads perameter for remote method. · involves method on actual remote obj · wrêles / transmitt rescent to carler. lemote interfaces objects and methods: The distributed application built using Java Rm is made up of interfaces and classes. Interfaces doctare method and clarkes implement method du object becomes remote by implementing a géonote interfail which has following dranacteristics:

Date:

A remote interface extends interface java, mi Each method of interface declares java m Remote Exception in its flyous clause, any application specific exceptions. Rm treate remote object differently from non object when object is passed from one Jum pather than making and implementation object RMI pares gemote Object The client invokes a on local stub, which is responsible out nettrod invocation an remote object stub for remote object implements the same set o interfaces that remote object implement However only those methods defined in interface are available to becalled from Marshalling and unmasshalling parameters are bundled into a nursage bospose network. In case the paramete esjects, then they are serialized This prouse rown as marchalling, It he scaver side the packed paramet and then elegrised neethed is invoked. This is called unmarshalling.

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: old .test Date: complexity of application, distribute gastage collection remote orjects. Conclusion; we implemented a must thread chient power in chief