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*	Distributed System (DS) - Assignment Number - 2
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*	Explin the use of RMI mechanism for inter process communication in distributed system.
Regula /	system.
<b>→</b>	-RMI stands for Remole Method Invocation, is an object-oriented implementation of
	-RMI stands for Remote Method Invocation, is an object-oriented implementation of the or remote procedure call model. It is an API for Java programs only.
	-RMI allows developers to invoke object methods and execute them on remote  Java virtual machines.
	JANA ANDUM JANOWIO.
	- RMI also supports a registry which allows dients to newform bookus vos
	particular service The object provides remote methods, which can be
	-RMI also supports a registry, which allows clients to perform lookup for a particular service. The object provides remote methods, which can be invoked in client programs.
	- Remote object must be written in Java. Remote object are accused through their interfaces only.
	their interfaces only.
	-RMI is a higher-level API built on top sockets.
	- Socket-level programming allows you to pass data through socket among computer.

	CIASSMAte Debe: Page:
	-RMI enables you not only to pass data (parameters and return values) among objects on different systems, but also to invoke methods in a remote objects.
	-Interprocess Communication:
	or more independent process in a distributed environment is called as Interprocess communication. Interprocess communication on the internet provide Loty Datagram and stream communication.
	- Escample of IPC.
	1. N number of applications can communicate with H. V. H.
	network protocol.
	2. Servers like Apache spawn child processes to hardle requests
	1. N number of applications can communicate with the x server through network protocol.  2. Servers like Apache spawn child processes to handle requests.  3. Eigus are a form of IPC: grep for file I sort.
	- Maraetraities at Anta Duran
	- Characteristics of Inter-Crocus - Communication: -  1. Synchronous System Pall
	2. Message Destination.
	3. Reliability
	4. Integrity
-	5 Validits
	5 Validity 6. Arduring.

		CIASSMATE Date: Page:
*	Difference between synchronous and	asynchronous communication?
<b>→</b>	Synchronous Communication.	Asynchronous lommunication.
	Desynchronous communication happen in the moment.	Asynchronous communication happens over a period of time.
		Asynchronous communication is less faster than synchronous and static.
		Abynchronous communication are good and active discussion with
	3 Example: - Video conferencing, instant	Example: Messaging software (M5 Jeans, slace
	messages and telephope conversation	Email (Grail, Sullook), lloyd
		Collabration (Zoom, Google workspace Microsoft teams), Project manyement software (Asana, Trello) etc.