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	Java E E Java E E Application 1 Application 2	Client Tier
	JSP, Servlets	Web Tier
	Enterprise Beans	Business
	Database	Tier
e 12 /	March Taranton March 1981	EIS
a	Client Tier:	marin'
	Client Tier is also co	alled
1.14.	Presentation Tier which contains Wient Side Se	h is rver
-4.85	Client Tier consists of that interact with the	
37	It consists all the happlication which is by users.	
	This Tier prompt the for input as a requestion forward to software.	User st to
11		

1 8 EIS tier:

EIS stands for Enterprise Information System.

This tier provides directly interface to JZEE application to the databases.

ETS tier is also called Databases Server

- 9 Describe URL and URL Connection class in Network Programming?
- => URL: URL stands for Uniform
 Resources Locator.

URL is one of the key concepts of web which provides published resource on the web.

URL has main two components

O)Protocol Identifier b)Resource name

	Protocol Identifier contain name
	of Protocol which is used by URL.
	Resource name contain name
	-c pecoure which you want to
	use in Web.
	Ex. https://thebrainspot.in
	Protocol Resource
-	Identifier name
1	
->	URL Connection Class:
_	Danish a cold-compared library
	This class is used to communicat
	with URL Over the network
	The URL Connection class contains
	with url and cornmunicate
	URL Connection class is abstract
	which contains
	Subclasses.
- 1	1) H++011010
	3) HttpURL Connection 2) Jarur L Connection
	Contrection
\preceq	
	ે સંચમઅને સાદગી દ્વારા જીવનમાં શાંતિ અને સંતોષ અનુભવાય છે.

	Date: / /
1	H++purl Connection:
•	This class is works for HTTP
	protocal which is used to
<u> </u>	retrieve information of URL
	which contains http protocol
2	Jar URL Connection:
	This class is used represents URL connection to a jar file.
	This are the Basic Method of URL Connection class
LGi	I DEPOSITE OF THE PARTY OF THE
print	get Content Contents of the URL Connection.
Cip	get Date (): Return the value of the date header Field.
<u> Ciri</u>	get Expiration (): Return the value of the expires header Files.
CVID	get Last modified (): Return the value of last modified header File.

વાંચવા-વિચારવા કરતાં વર્તનમાં ઉતારવું વધુ જરૂરી છે.

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(N)	get URLConnection's the Value of the URLConnection's URL Field. Syntax to Create URL Connection:
1,0,1	URL URL .= new URL ("URL Object Value"); name
T & C	URL Object Object Object name open Connection (); Example: import java. util. *; import java. io. *; import java. net. *;
	public class java public static void main (String, args []) try URL url = new URL ("https:// thebrainspot.in");
	સારા જીવનમાં શાંતિ અને સંતોષ અનુભવાય છે.

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1	
	What is & TCP/IP Server Socket
	and Sockect?
	Almaharagrani and a man organi
	Socket and ServerSocket classes
-	are used for connection-oriented
	sockect programming
-	ingthingon caption and client
	Server Socket:
	acity and result it is sold their
	The Server Socket class is used
	to create a server sockect.
	Server Sockect Object is used
	to communicate with clients
	in application
	chapped of the safe side so some
_	Syntax to create Server Sackert
	Connection
	with Sorver Sorkert. in
	ServerSockect ServerSocket =
*	Objection
_	: + \ 1 \ \ 2 \ 2
_	new Server Socket (Port
_	Man = Harris Hand Number);
_	4.5; 40
_	Socket Socket = ServerSocket
_	Object Object
_	The second of th
_	accept();
_	

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11-1	Sockert Method:
1	get Input Stream (): Return the input value of sockect.
2	get Output Stream (): Return the output value of sockect.
3_	close c): close the client side sockect.
	La cota Maria de maria de maria de la como d
->	Example:
	Server Sockect:
	class Server
	public static void main Cstring,
1,04 - 41	argsEJJ
	The Edition of Live Africa solling
	try &
1	
	ServerSockect 5 = new
850-	ServerSockect (3201);
100	there is a ready in
	Sockect C = 5. accept ();
施	
5	Data InputStream dis = new
	Data In put Stream (Caset In put

Streams);

સંચમઅને સાદગી હારા જીવનમાં શાંતિ અને સંતોષ અનુભવાય છે.

1	
- 7	String str = (string) dis recol UTEQ
	Systemiout.println("Message="+
~ Que	2 S. Close (D) intition of the contract of the
	Catch (Exception e)
	Systemout.println(e);
	3 : +
	Client (5ko Sockect):
	class client
	public static void main (String,
	2 try & 2 transmission
(2)	Sockert C = new Sockert
	C'localhost", 3201);
	DataOutputStream dout = new
	DataOutputStream (c.getOutput Stream ()):
	વાંચવા-વિચારવા કરતાં વર્તનમાં ઉતારવું વધુ જરૂરી છે.

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dout Write UTFO	Hello Khushi "J;
1 1 2 1 1 2 2 1	1 ~~
dout Flushes:	De contract of the
dout close co:	612-32-73-73-63-63-63-63-63-63-63-63-63-63-63-63-63
-105 2 COS 2 COS	- Devestmented
c.closeco;	ed for des ser
	stack anti- rei
3	
reproduct to the second	Valestare -
catch (Exception	
	1.200 Vontage
System.out p	rintinces:
3	CX
to a consorteent CE	w willer the
4	
(0)	in the contract of
- (h)	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Explain Datagran	nsocket and
DatagramPackect	class.
D. I. C. I. C. I.	
DatagramSockect	and Datagram-
Packect classes	are used for
connection-less	
	1100
This classes are	Used in USP
Providing mark	are in the
Providing messa	ge.

->	DatagramSockect class:
	DatagramSockect class represents a connection-less sockect.
	DatagramSockect class is provides method to transmitting datagram in the network.
•	Syntax For Create class:
	DatagramSockect DatagramSockect Object
	= new DatagramSockect ();
-	Method:
cia	close c) Closes the datagram
ciis	disconnect (): Disconnect the Sockect.
Ciúis	getPort (): Returns the Port number of sockect.
כעו	send (): Sends the Datagram Packet From sockect.
	વાંચવા-વિચારવા કરતાં વર્તનમાં ઉતારવું વધુ જરૂરી છે.

	Coale. 1
CVD	receive () : Keceives the dutagram
	receive 2): Receives the dutagram packet from the sockect.
->	DatagramPackect class:
	DatagramPackect class is a
	message that can be send or
	received by Sockect.
	DatagramPackect class is a one
	type of duta containe to use
	to send the Packert from the
	Sockect.
	· A P. Mark A strate
	Syntax For create class:
	Datagram Packet Datagram Packet
	Object
	assistance of the state of the
	= new Datagram Packect Cbyter
	barr, int length):
	4 1 1 1 1
-	Method:
	The second of the state of the second of the
cis	byteE) get Data (): Returns the
	data buffer.
	Market State of the state of th
ciis	getPortC): Returns the port
	number on the remote host.
Bising.	
CHE NO.	ે એક ૂરુ સંચમઅને સાદગી દ્વારા જીવનમાં શાંતિ અને સંતોષ અનુભવાય છે.

number of the remote host ivs setlength (int Length): sets the length of the packect. setDataCbyte[] buff): Sets the data buffer for the packect -> Example: Usp Client: import java io * class UDPClient public static void main Cstring try { DatagramSocket ds = new DatagramSocketCo String Str = "Hello" byte[] Send - str. getBytes()

વાંચવા-વિચારવા કરતાં વર્તનમાં ઉતારવું વધુ જરૂરી છે.

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Inet Address Sa = Inet Address. get By Name ("localhost");

int Port = 3201;

DatagramPacket dp = new Datagram

Packet Csend, send length, su; Port);

ds. send(sendp);

bytestreceive = new bytesto 24);

DatagramPacket dr = new DatagramPacket Creceive, receive length);

ds. receive (receive);

String (= new String Creceive.
get Duta (), 0, dr. get Length
c));

System.out.println C'Received

ds. closew;

catch (Exception e) & e. printStack Trace();

ાં મને સંતોષ અનુભવાય છે.

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USP Server:

import java.io: import java.net. *;

class servers

public static void main Cstring

trys

Datagram backect rp = new

Datagram Sockect ds = new Datagram Sockect (3201);

byte [] rd = ngw byte [1026];

whileCtrues

Datagram Packet rp = new Datagram Packet Ctd, rd.length:

ds. receive (rp);

string SM = new String Crp. get Duta co, o, rp. getLength(s);

System.out. printing Received t SM);

String C = SM. to Upper Case W.

InetAddress clientAddress = rp. get Addresses;

int port = rp. getPort w; byteIJ sd = c.getBytesEJ;

DatagramPackact sp: new DatagramPackect Csd, sd.length Client Address, port J:

send (SP)

Catch (Exception e)

e. print Stack Tracew:

	Page No. Date: / /
	UDP Server:
() : C	import java io. *; import java net. *;
F 24 3.	class server public static void main (string,
	PUBLIC STATIC VOID MAINESTRING
	DatagramSockert ds = new
Esta S	Datagram sockect (3201);
be	byte EJ md = new byte [1024]; while Etrue)
	Datagram Packet rp = new
270	Datagram Packet Crd, rd. Length CDD: ds. receive CrpD:
	String SM = new String Crp. get Dutaco, o, rp.
	set length (); System out println (sm);
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વાંચવા-વિચારવા કરતાં વર્તનમાં ઉતારવું વધુ જરૂરી છે.

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String C = SM. to Upper Case W: Inet Address ca = rp.get Address int port = rp.getport; byteEJ sd = +1 K-ge+Bytes(), DatagramPackect Sp = new DatagramPackect Csd, Sd. Length catch (Exception e) e print Stack Tracew;