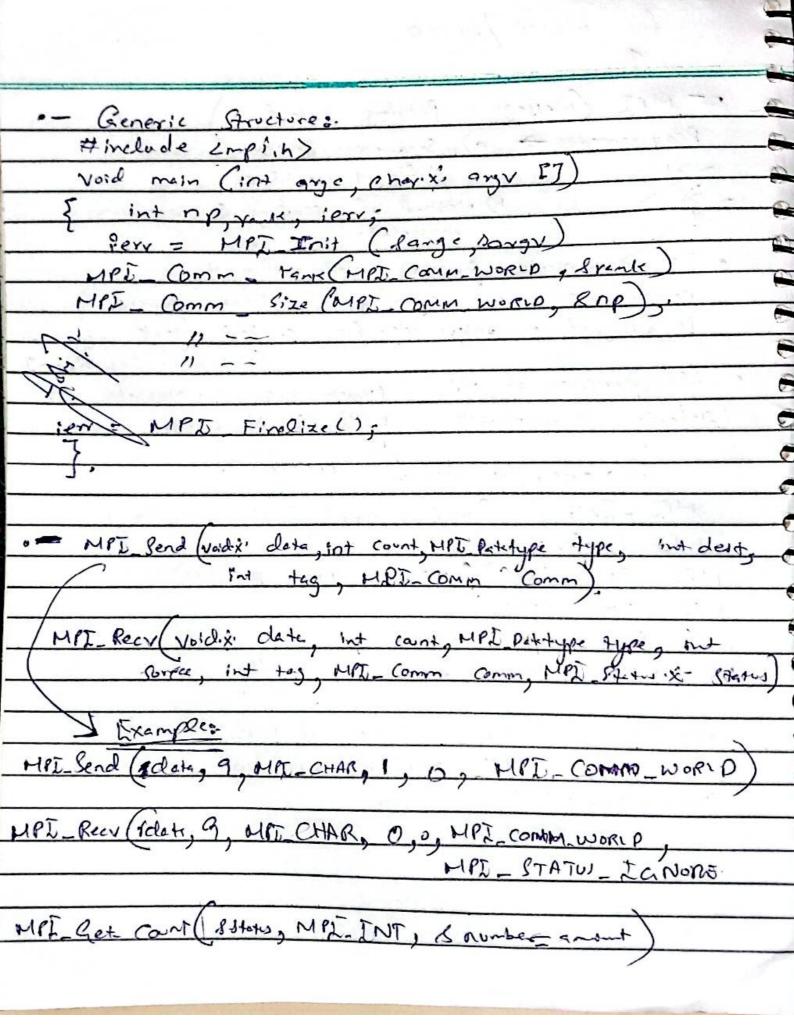
4	
0	for HAMA / SAMA
3)	AND PIDING
1	
3	· - MPI (Message Passing interface)
-	Requirements -> a) leparate processes 60
-	Asi different machine.
-	b) Method of sending & receiving
	mensiges.
	. To commonicate processes need a way to
(S)	communicate with each other , Each process
(e)	1) assigned a unique identifier called rent. I and a
3)	Start with O/ size-
2	· All processes of MII program are member, of
0	default communication MPI_COMM_WORLD
-0	(Intx aye, charxxxxxy) Predeting.
-9-	
-9-	MPI - Init (inaclize mpi)
-3-	MPJ-Finalize (terminates mpi)
-	MRI Comm- Rize() (determine no of processes)
-	MPD Comm_Rame (')
5	MPI- Send (sent moss)
3	MPI_ Recv Recent messy)
7	1 105 8 0.50 C 105 EPPOD
7	Return codes (HPI SUCCESS & MPI ERROR)
3	MPT COMM NORLD (root communicator)
-9_	Communication -> HPI_Comm
=9_	
-5	Control of the Contro
-	
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Non blocking Send & Receive.
- Non Brocking server & Records
MPI - ISEND (but, count, deterpe, dest, tog, comm, veguest)
clest the comm, regarde)
MBX_ I RECV(buf, count, deterape, dest, teg, comm, requise)
MPT_WALT (YCLULY, STATU)
HPT - TEST. (regress, they) status)
PRO TEST
Chi.
- 1/4 -
MET_Probe.
MT - BCast (void-x but, int count, MPT - Datetype, daype, int rout,
- MIT - BEAST (ADIONAL BOX IN COMM)
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- MID_ Scatter (SUB). voids soul but, int sond count, MPD. pitery pe sondiffer
yoldis recobil, int new Macount, MPT-Buty De. recortype
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- MPI_ Gather (voil is Pand but; int send count, MPI-Date type Boultype, 1
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	const void is send but g cont int send count (2, cont int displai)
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	etype sendtype, void is very but, int very count,
Mer Da	Desper recutype, int not, MED comm comm)
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7.7	10.6
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	ALIGORD (buf1, 2, MPI INT, buf), 2, MPT-INT,
MIZ	ALIGORAL (buf1, 2, MPLINI, 101)
11	MPI_COMM_WORAD)
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Syn	chorenization
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MPI- Red	DE Barrier (MP) - COMM_ WORLD were (void ix: send but, void is recorbett, fat count,
	Mordontype type, MPI- OP OP, int root &
	No.
/	MP (our of Com).
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	MPI_COMM_WORLD)
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3)	
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