

	El DATE :_/_/_  PAGE :		GI DATE:/
(1)	sport is a flat model which make it appeared to write hierarchical code such as divide and conquer algorithms as well as programs	(d) ·	Prodefined default communicator: MPT comm-works This is global. (sh productor can access it)
	optimized for hierarchical machines	# (1)	4 functions when using MPI Setup (initialize)
<b>→</b>	MPI (Masage Passing Interface that dying a model of		int MPI Init (int* arge, char ***arge);
	parallel computing where each parallel process has its own local memory and data must be expectedly shared by persong mesong	<u></u>	int MPI_finalize();
	between processes.		This allows MPI to turn off all the communication channel
# (1)	MPI communication functions - Blocking communication functions Blocking communications are rentime when the compution of the cou	(ìŭ	int MPI_comm_Size (MPI_comm comm, int *size);
	is defindent on costain wents.	(w	int MPI_ Comm_ rank (MPI_ Comm_ comm, int * rank);
	MPI_send (void * by, int count, MPI_Datatype datatype, int dut, int tag, MPI_comm comm)		(communicator & ander har process to india mit gayega, aux re global hoga)
	MPI Recy (void * by, int count, MPI Datatype datatype, int		and the state of t
	Seurce, int tag, MPI Comm coman, MPI Status *	(i)	Blocking communication function (continued)
	For sends, the data must be successfully sent or safely copied to	(i	standard )
_	system buffer space and for receives, the data must be safely stored in	Ci	The second secon
- 19/3/24	the receive buffer.	Cw	0
(a) o	Communication domain: - All the processes running on different	(`u	Ricdy
	cove that are going to communicate with an another	200	The brigger passed to MPI-Send() can be reused either because
(b) :	Stored in communicator - yo this prous use Krohe tain vot yake store hoga		MPI saved it somewhere or because it has been received by distination.
(c) .	Communicator type: MPI_Comm	i	i) son blocking functions
2	Good Write		Thise functions return immediately over if the sommunication is Good Write















