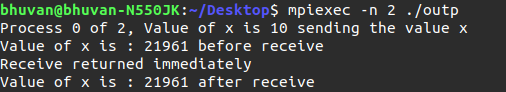
**IT301 : Parallel Computing Lab**

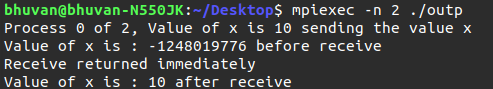
**NAME: BHUVANESWAR**

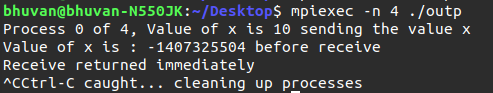
**ROLL NO: 191IT107**

**MPI Programming**

**1A)**

**1B)**

****

**1C)**

**2)**

****

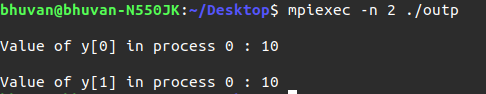
**Observation: Bcast() function broadcasts data in root process to all other processes.**

**3)**



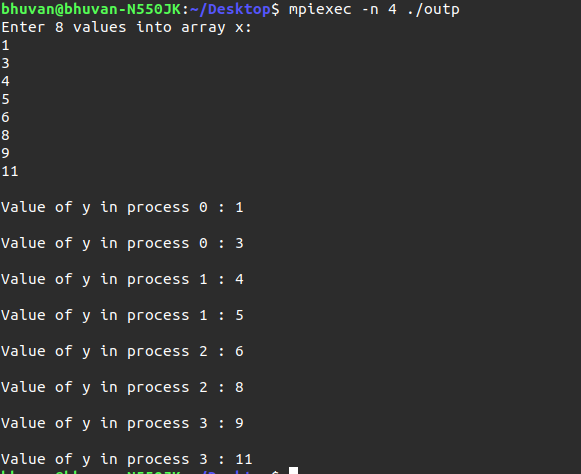
**Observation: Reduce() function recues the datta from all processes acoording to the operation. Since operator here is sum and data in each process is rank the final value after computing is 6.**

**4)**



**Observation: MPI\_Gather() collectrs data from all the proccesses and stores it in the guven buffer at the specified process.**

**5)**



**6)**

