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Repositorio: GitHub - jmlopezrianiJave/Submit3: Submit 3 Jose Miguel Lopez, Samuel Francisco Moncayo, Juan Diego Alomia, Maria Camilia Caicedo

1. mpiexchange.cpp

```
japetq@093786ebe4f0:~/app$ mpirun -np 2 ./mpi1
Rank 0 received = 1
Rank 1 received = 0
```

2. mpibroad.cpp

```
japetq@093786ebe4f0:~/app$ mpirun -np 5 ./mpi2
Rank 0 received value = 2209
Rank 1 received value = 2209
Rank 2 received value = 2209
Rank 3 received value = 2209
Rank 4 received value = 2209
```

3. mpiexfinal.cpp

```
japetq@093786ebe4f0:~/app$ mpirun -np 5 ./mpi3
I am process ranked 0 and I have received b[0] = 4.00
I am process ranked 1 and I have received b[0] = 0.00
I am process ranked 2 and I have received b[0] = 1.00
I am process ranked 3 and I have received b[0] = 2.00
I am process ranked 4 and I have received b[0] = 3.00
```