

```
1  #include <stdio.h>
2  #include <stdlib.h>
3  #include <mpi.h>
4
5  int main(int argc, char** argv)
6  {
7      int myid, numprocs;
8      int max=2;
9
10     MPI_Init(&argc,&argv);
11     MPI_Comm_size(MPI_COMM_WORLD,&numprocs);
12     MPI_Comm_rank(MPI_COMM_WORLD,&myid);
13
14
15     /* Stampo chi sono ...*/
16     if (myid==0) {
17         max = 0;
18         printf("Hello from max master %d\n",max);
19     }
20     else{
21         max = myid; // omax=myid;
22         printf("Hello from max slave %d\n",max);
23     }
24
25     // tutti
26     printf("max outside is  %d\n",max); // max = 2?
27
28     MPI_Finalize();
29
30 }
31
```