

----- Lanciare processi in Linux -----

----- Versione Senza MPI -----

```
#include <stdio.h>
#include <stdlib.h>
```

```
int main(int argc, char** argv)
{
    int myid=atoi(argv[1]);

    printf("Sono %d\n",myid);

}
```

----- script -----

```
for i in {0..5}
do
./a.out $i&
done
```

----- Versione Con MPI -----

```
#include "mpi.h"
#include <stdio.h>
```

```
int main( int argc, char *argv[] )
{
    int rank, size;
    MPI_Init( &argc, &argv );
    MPI_Comm_rank( MPI_COMM_WORLD, &rank );
    MPI_Comm_size( MPI_COMM_WORLD, &size );
    printf( "Sono %d di %d\n", rank, size );
    MPI_Finalize();
    return 0;
}
```