Worksheet #29: MPI send and receive

In the space below, indicate what values you expect the print statement in line 10 to output, assuming that the program is executed with two MPI processes.

```
1. int a[], b[];
2. ...
3. if (MPI.COMM_WORLD.rank() == 0) {
4.    MPI.COMM_WORLD.Send(a, 0, 10, MPI.INT, 1, 1);
5.    MPI.COMM_WORLD.Send(b, 0, 10, MPI.INT, 1, 2);
6. }
7. else {
8.    Status s2 = MPI.COMM_WORLD.Recv(b, 0, 10, MPI.INT, 0, 2);
9.    Status s1 = MPI.COMM_WORLD.Recv(a, 0, 10, MPI.INT, 0, 1);
10.    System.out.println("a = " + a + " ; b = " + b);
11.}
12. …
```