public static int bSort(Integer[][] robotTeamInfo, int numTeamsInFile,

 int TM\_NUM, int RANK\_PT, int QUAL\_PT)

 {

 int index;

 int j;

 for (j = 0; (j < numTeamsInFile); j++) // Line A

 {

 for (index = 0; (index < numTeamsInFile-1); index++ ) // Line B

 {

 if (robotTeamInfo[index][TM\_NUM] > robotTeamInfo[index+1][TM\_NUM]) // Line C

 {

 swap3(robotTeamInfo, index, TM\_NUM, RANK\_PT, QUAL\_PT); // Line D

 }

 }

 }

 return j; // Line E

 }

 public static void swap3(Integer[][] robotTeamInfo, int index,

 int TM\_NUM, int RANK\_PT, int QUAL\_PT)

 {

 int tempRP, tempQP, tempNum; // Line W

 tempRP = robotTeamInfo[index][RANK\_PT]; // Line X

 robotTeamInfo[index][RANK\_PT] = robotTeamInfo[index+1][RANK\_PT];

 robotTeamInfo[index+1][RANK\_PT] = tempRP;

 tempQP = robotTeamInfo[index][QUAL\_PT]; // Line Y

 robotTeamInfo[index][QUAL\_PT] = robotTeamInfo[index+1][QUAL\_PT];

 robotTeamInfo[index+1][QUAL\_PT] = tempQP;

 tempNum = robotTeamInfo[index][TM\_NUM]; // Line Z

 robotTeamInfo[index][TM\_NUM] = robotTeamInfo[index+1][TM\_NUM];

 robotTeamInfo[index+1][TM\_NUM] = tempNum;

 }