Motivation for Domino Problem(Algorithm):

For a given starting point (r1,c1) [row,column]

Int dis = 0;

While(initial\_Point != Final\_Point)

If(FinalRow > InitialRow)

Shift Right(Add 1 to initial rowVal)

Else if(FinalRow < InitialRow)

Shift Left(Subtract 1 from initial rowVal)

If(FinalColumn > InitialColumn){

Shift Down(Subtract 1 from column)

If(initialColumn == initialRow)

dis+=3;

else{

dis+=1;

}

}

}