

Problem A point in two dimensions is a pair of coordinates; assume that we are dealing with only integer coordinates. Write a function that takes two points as arguments and returns `True` iff exactly one of the coordinates, x or y , of the points are equal. Here is what I expect (`ray1` is the name of the function).

```
Main> ray1 (3,5) (3,8)
True
Main> ray1 (3,5) (2,5)
True
Main> ray1 (3,5) (3,5)
False
Main> ray1 (3,5) (2,8)
False
```

Solution

```
ray1 (x,y) (p,q) = ((x==p) || (y==q)) && ((x/=p) || (y/=q))
```