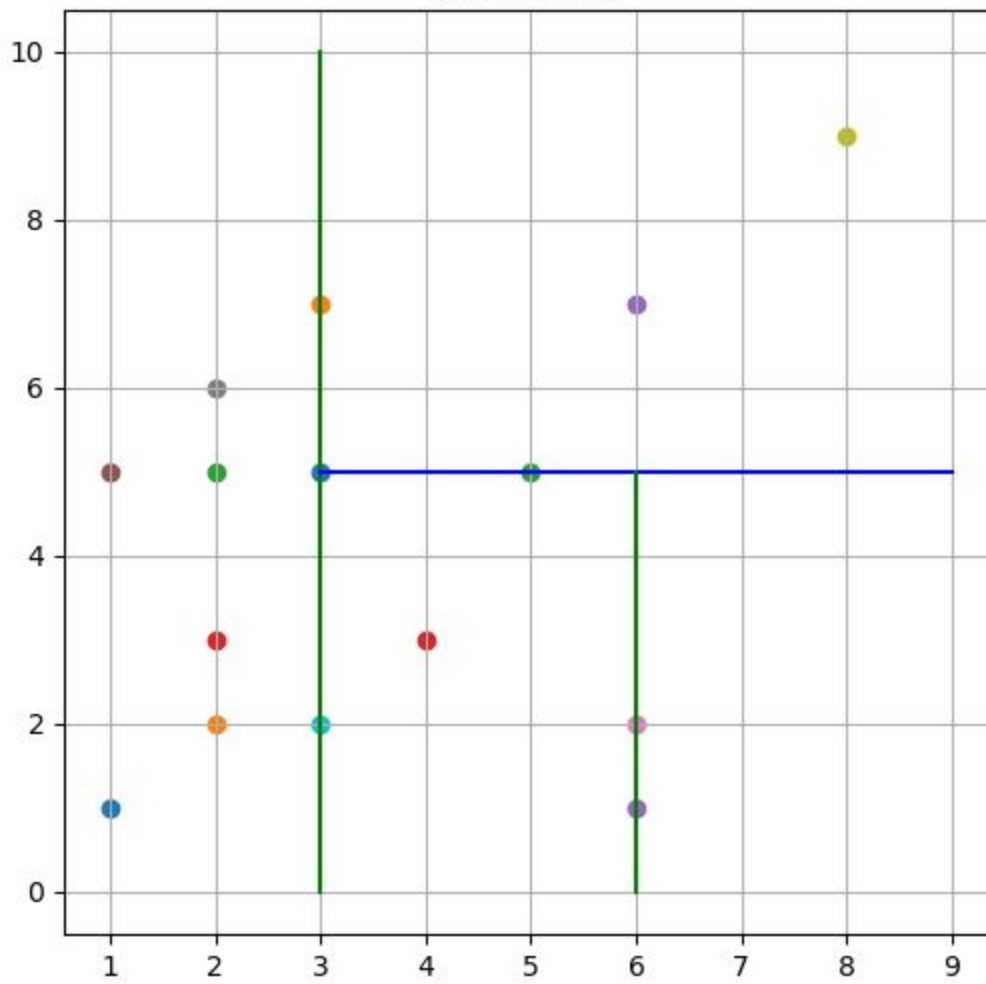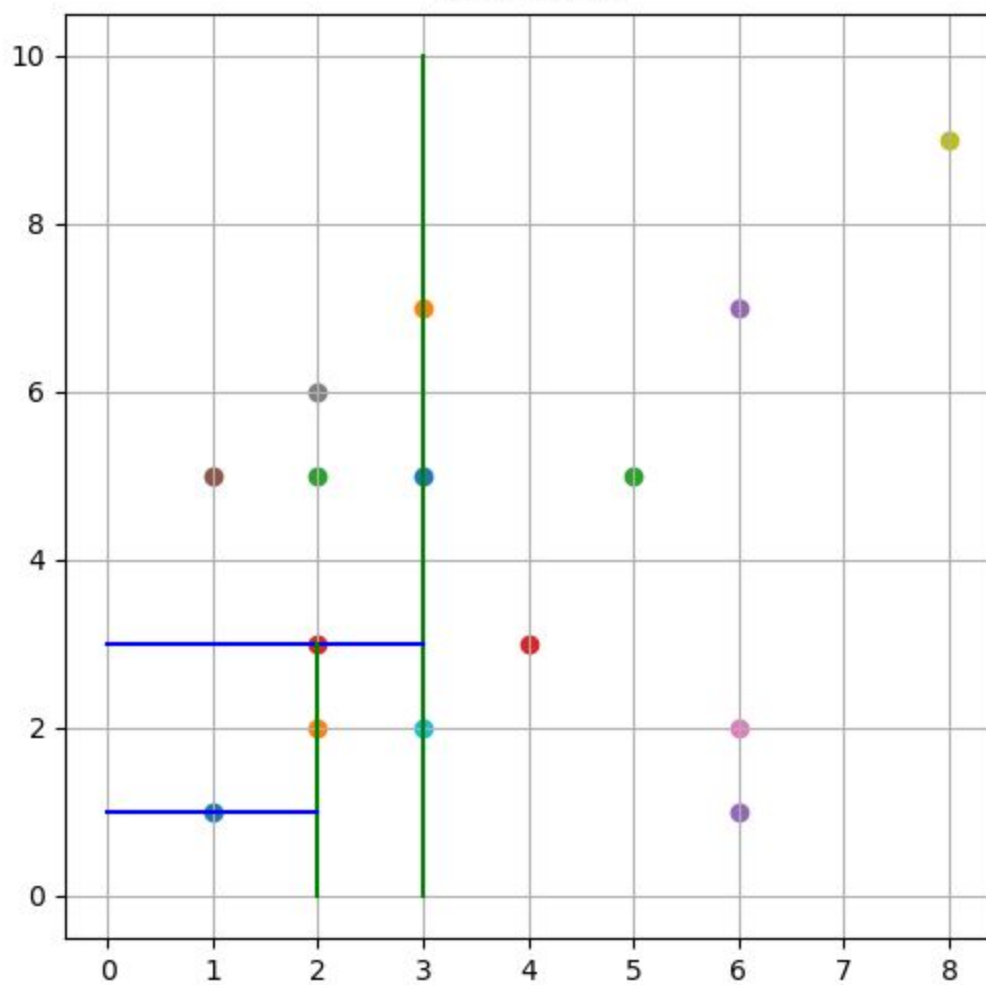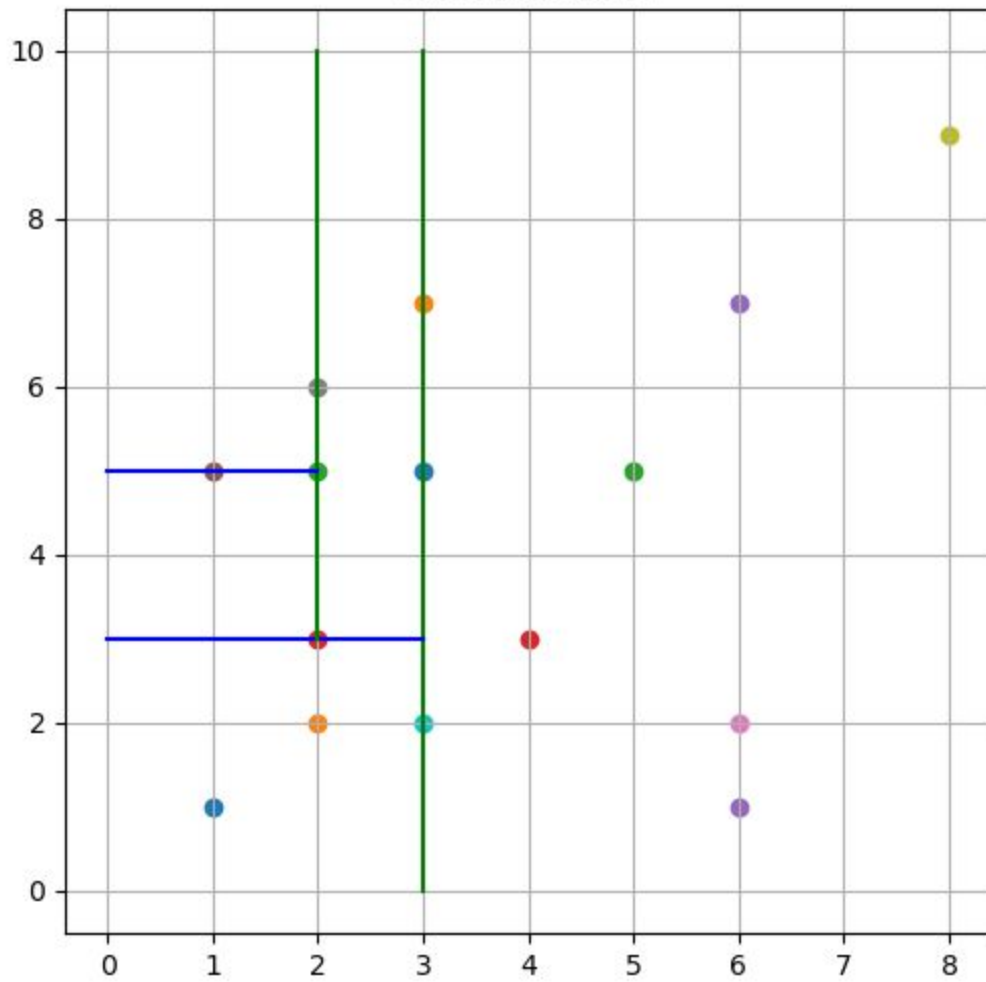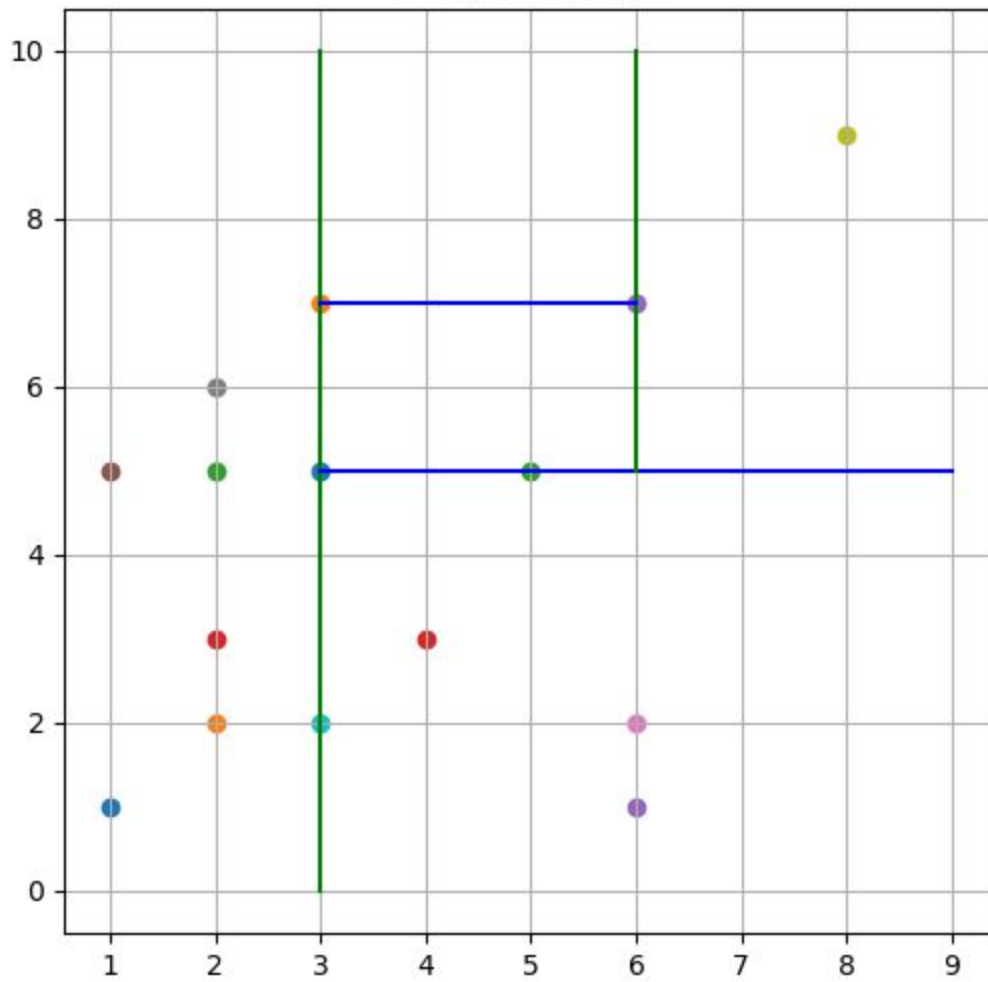Searching for point (6,1)
Point found

Searching for point (1,1)
Point found

Searching for point (2,7)
Point not found

Searching for point (5,6)
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Searching for point (1,2)
Point not found