**PointRepository: examples of extra features**

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| 🖳 | ***Iteration 2***  The program manages several points (class ***PointRepository***) and allows operations such as:   1. Get all points that are inside a given rectangle (up-left corner, length and width given) 2. Get all points that are inside a given circle (centre of circle, radius given) 3. Get the maximum distance between two points 4. Get the number of points of a given colour 5. Update the colour of a point given its coordinates 6. Shift all points on the x axis 7. Shift all points on the y axis 8. Delete a point by coordinates 9. Delete all points that are inside a given circle 10. Delete all points within a certain distance from a given point |