**How to address an object position and area (height & width) inside an image:**

1. Hit and Miss Theorem: Basically used to indicate the position of a given pattern inside an image.

So , using hit and miss pattern or a given object position can be detected easily.

[may be useful in some cases :- <http://stackoverflow.com/questions/14755406/detect-rectangles-from-pixel-data-retrieved-from-binary-png-image>

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Object detection is the process of finding real world object(eg. Cycle , car , human etc) from an image.[openCV library is available for java

<https://opencv-java-tutorials.readthedocs.io/en/latest/>

<https://www.tutorialspoint.com/java_dip/applying_prewitt_operator.htm>

<https://www.youtube.com/watch?v=Z78zbnLlPUA&list=PLQVvvaa0QuDdttJXlLtAJxJetJcqmqlQq>

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1. Merging 2 Images :-

In Java <http://stackoverflow.com/questions/2318020/merging-two-images>