

**ASSIGNMENT OF LAB 8**  
**(PREPARE ANSWERS IN PPT)**

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# LAB 8 (MORPHOLOGICAL OPERATION USING MATLAB)

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- 1) Write a program Which performs following morphological operations on images.
  - Erosion
  - Dilation
  - Opening
  - Closing
  - Hit or Miss Transformation

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- 2) Write a program for following applications of morphological operations for images.
- Boundary extraction
  - Hole filling
  - Extraction of connected components
  - Convex hull (optional)
  - Skeletons (optional)
  - Thinning (optional)
  - Thickening (optional)