

# Assignment 6

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# Assignment 6

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- Develop a program which displays canny edges of a video
  - Read 'Road.mp4'
  - Set left\_roi and right\_roi
    - LT and RB of left\_roi: (200,400) , (600,600)
    - LT and RB of right\_roi: (600,400), (1000,600)
- For each ROI, display canny edges
  - Use cvtColor to make a gray-scale image
    - Use CV\_BGR2GRAY
  - Use blur function with mask size as 5X5
  - For Thresholds for canny, use 10 and 60

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- Your program should display two windows
  - 'Left canny', 'Right canny'
  - Use `namedWindow` and `moveWindow` for locating the windows
    - Example
      - `namedWindow("Left canny");`
      - `moveWindow("Left canny", 200, 0);`
      - `imshow("Left canny", canny_left);`
      - ➔ Locate the window whose name is 'Left canny' to (200,0)
  - Locate 'Left canny' to (200,0) and 'Right canny' to (600,0)