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|  | **Lembar Kerja Mahasiswa**  **Mata Kuliah Pengolahan Citra Digital Praktik (203311-20)**  **Program Studi Informatika**  **Fakultas Sains & Teknologi – Universitas Teknologi Yogyakarta** | |
|  | **Identitas Mahasiswa** | |
| Nama | **Arieska Restu Harpian Dwika** |
| NPM | **5200411488** |
| Kelompok Prak | **Kelompok I** |
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| **Soal 1.** | | |
| Buatlah script Python untuk menhasilkan gambar seperti berikut :    Jangan lupa untu memberikan nama di area bawah kanan dari gambar Anda! | | |
| **Hasil Script** | | |
| **//tuliskan script python Anda di sini**  import cv2 as cv  import numpy as np  blank = np.zeros((550,550,3),*dtype*='uint8')  # Membuat trapesium  trp1 = (175, 60)  trp2 = (185, 40)  trp3 = (220, 40)  trp4 = (230, 60)  cv.circle(blank, trp1, 0,(0,165,255), -1)  cv.circle(blank, trp2, 0,(0,165,255), -1)  cv.circle(blank, trp3, 0,(0,165,255), -1)  cv.circle(blank, trp4, 0,(0,165,255), -1)  trapsm = np.array([trp1, trp2, trp3, trp4])  cv.drawContours(blank,[trapsm], 0, (0,165,255), -1)  # Membuat segitiga depan  trl1 = (50, 245)  trl2 = (125,245)  trl3 = (125, 150)  cv.circle(blank,trl1, 0, (0, 0, 255), -1)  cv.circle(blank,trl2, 0, (0, 0, 255), -1)  cv.circle(blank,trl3, 0, (0, 0, 255), -1)  triangle = np.array([trl1,trl2,trl3])  cv.drawContours(blank, [triangle], 0, (255,0,255), -1)  # Membuat badan  cv.rectangle(blank, (125,150),(370, 245), (145,40,44), -1)  # Membuat kepala  cv.rectangle(blank, (480, 65), (370, 245),(53,38,122), -1)  # Membuat jendela  cv.rectangle(blank, (470, 80), (380,150), (192,192,192), -1)  # Membuat cerobong  cv.rectangle(blank, (185, 80), (220, 150), (105, 105, 105), -1)  # Membuat cerobong atas  cv.rectangle(blank, (175, 60), (230, 80), (0, 200, 0), -1)  # Membuat roda depan  cv.circle(blank, (blank.shape[1]//3, blank.shape[0]//2), 30, (105, 105, 105), -1)  # Membuat roda tengah  cv.circle(blank, (blank.shape[1]//2, blank.shape[0]//2), 30, (105, 105, 105), -1)  # Membuat roda belakang besar  cv.circle(blank, (425, 260), 50, (105, 105, 105), -1)  # Membuat roda belakang kecil  cv.circle(blank, (425, 260), 35, (0,0,0), -1)  # Membuat garis roda pas  cv.line(blank, (170, 275), (430, 275), (0, 0, 128), 15)  # Membuat nama  cv.putText(blank, "Arieska Restu Harpian Dwika", (225,425), cv.FONT\_HERSHEY\_COMPLEX, .5, (255,210,162), 1)    cv.imshow("Kereta", blank)  cv.waitKey() | | |
| **Hasil Running** | | |
| **//paste-kan gambar shinkanzen Anda di sini** | | |