

Assignment - 2

Q1. Poster

- a) Take 4 images - bat, building, desert and eskimo from the gray folder of the sample images provided and create a Poster. Poster is created by taking a big image with a white background and pasting these images on it in any order. The background colour may vary also.



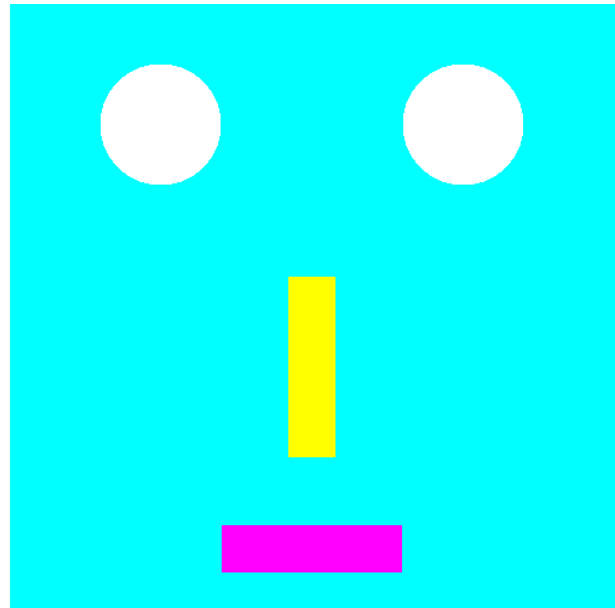
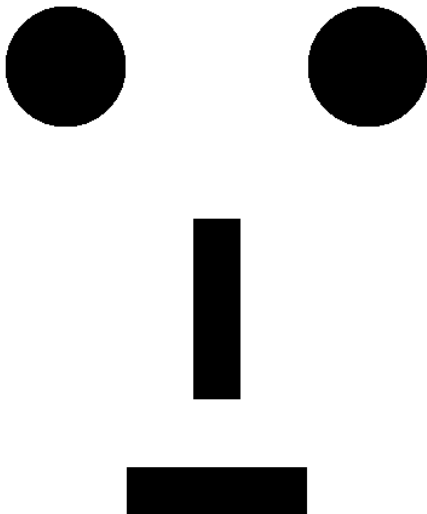
Output should look like something like this

Tip:- If you want to save the final output image as a file you can use `imwrite` function
For example to save an Image that is as a variable `I` you can use
`imwrite(I,'output_image.png')`

- b) Take 4 images - Paris, pyramid, Mumbai and London from the coloured images folder of the sample images provided and create a Poster. Poster background should be yellow.
- c) Take 4 images - building and desert from the gray folder and Mumbai and pyramid from coloured folder and create a Poster. Choose background of your choice.

Q2. Write the code to create the 2 images given. First one is grayscale image and second one is colour image.

Output should be something like this



Output Grayscale Image

Output colour Image

Some important Details:-

Size of image – 500 x 500

Centres of circles – (100,125) and (100,375)

Radius of circles – 50

Centre of nose part – (300,250)

Height and Width from centre point – (75, 20)

Centre of lips part – (450,250)

Height and Width from centre point – (20, 75)

And all the colour used are secondary colour.

Q3. Create alphabets on the images like shown below.

Output should look like

X

O, X, Z are compulsory and you can try others like O, S, P, Q etc. also.