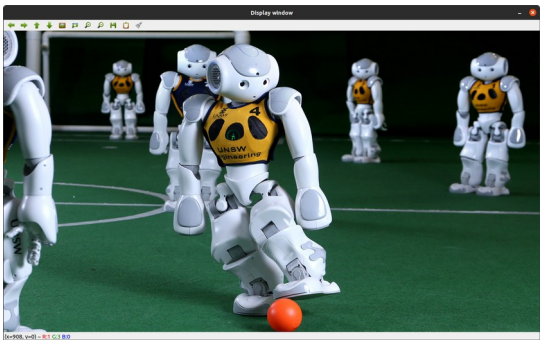
Lab:25/03/2024

Task1: Execution command: ./Task1 robocup.jpg



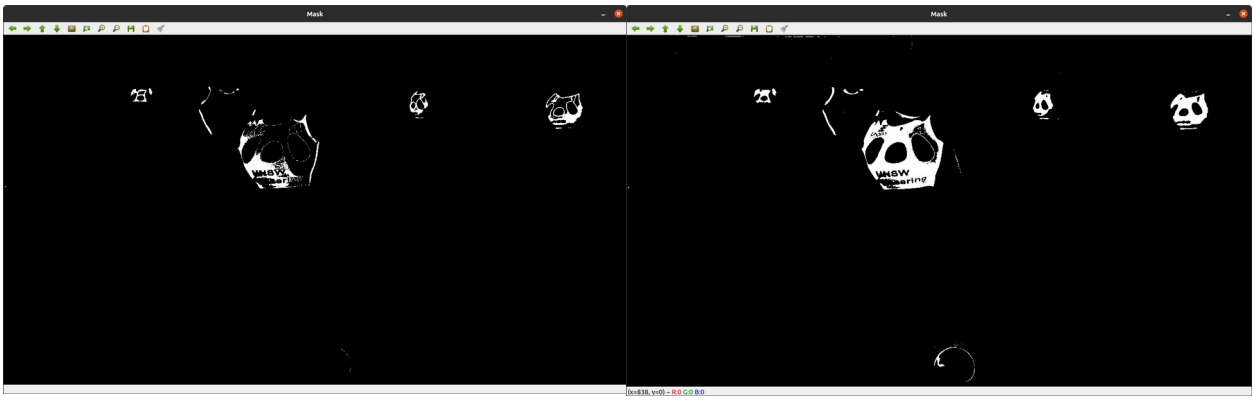
Task2: Execution command: ./Task2 robocup.jpg
x,y coordinates and BGR values of clicked pixel.

```
rastin@Rastin-PC:~/CLionProjects/Lab_3_24$ ./Task2 robocup.jpg
 Clicked area coordinates (x,y): 765, 252
B: 253 | G: 243 | R: 233
 Clicked area coordinates (x,y): 596, 228
B: 43 | G: 151 | R: 198
 Clicked area coordinates (x,y): 205, 607
B: 63 | G: 89 | R: 36
 Clicked area coordinates (x,y): 661, 256
B: 48 | G: 34 | R: 28
```

Task3: Execution command: ./Task3 robocup.jpg
x,y coordinates and BGR values of clicked pixel and mean of BGR values of 9x9 neighborhood.

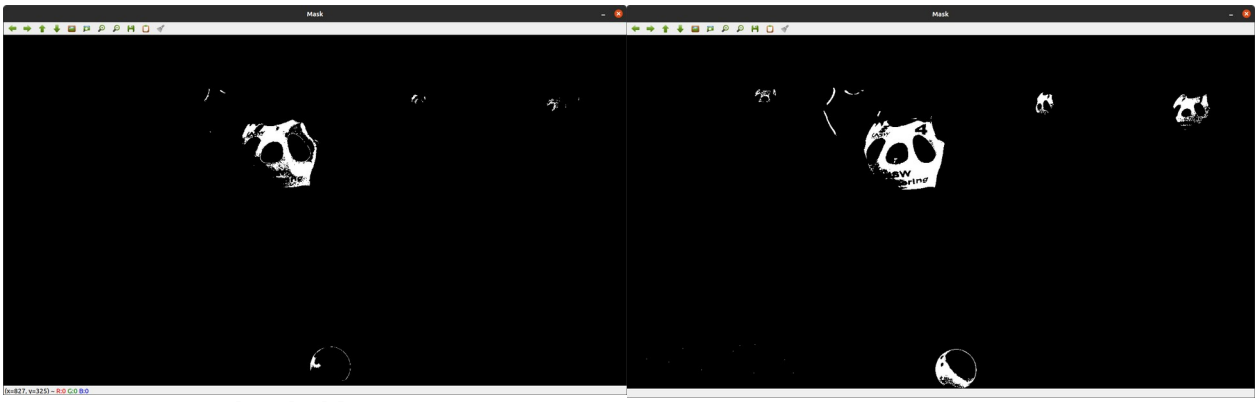
```
rastin@Rastin-PC:~/CLionProjects/Lab_3_24$ ./Task3 robocup.jpg
 Coordinates of the clicked area (x,y): 756, 253
B: 254 | G: 230 | R: 218
Mean[ Blue: 253.358  Green: 234.556  Red: 222.185  Grayscale: 0
 Coordinates of the clicked area (x,y): 656, 254
B: 81 | G: 68 | R: 66
Mean[ Blue: 60.6914  Green: 47.8272  Red: 44.9753  Grayscale: 0
 Coordinates of the clicked area (x,y): 562, 286
B: 22 | G: 96 | R: 138
Mean[ Blue: 19.1852  Green: 99.8395  Red: 137.049  Grayscale: 0
```

Task4: Execution command: ./Task4 robocup.jpg
Result of threshold 30 and 60.



Threshold = 30 *Threshold = 60*

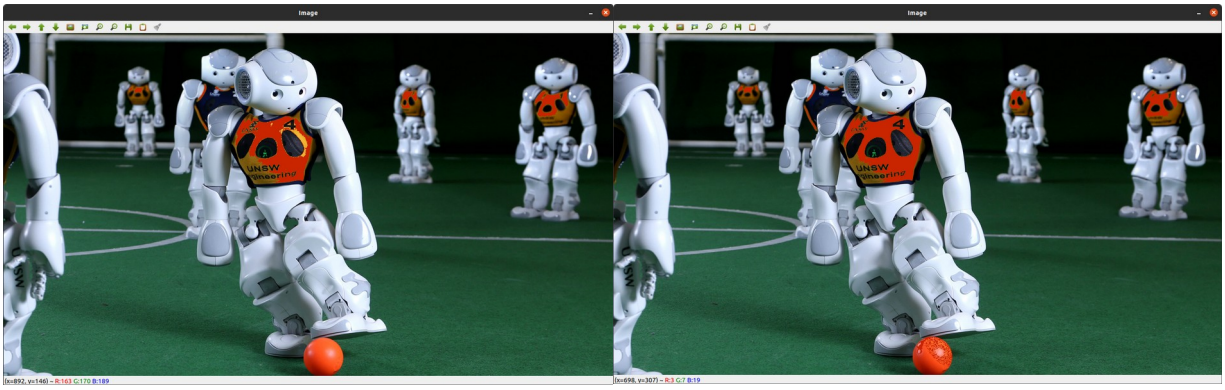
Task5: Execution command: ./Task5 robocup.jpg
Result of threshold 30 and 60.



Threshold = 30

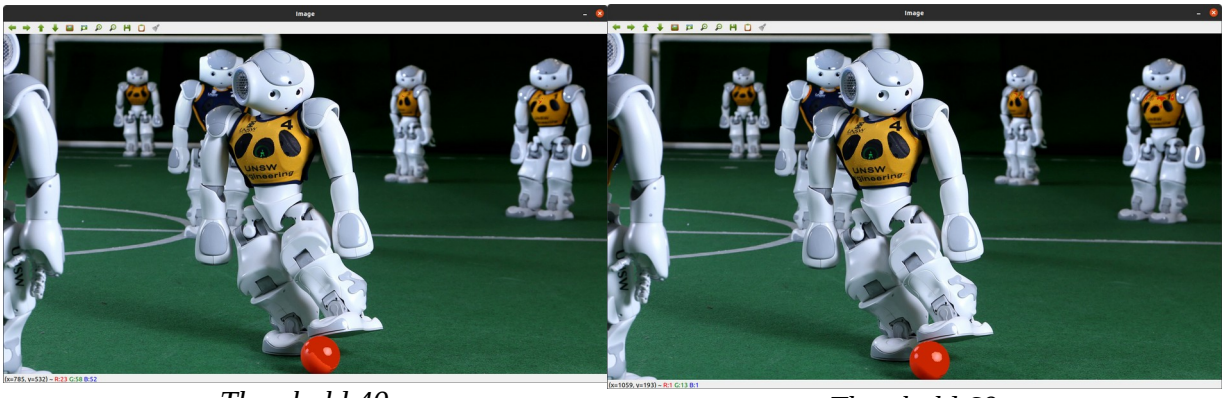
Threshold = 60

Task6: Execution command: ./Task6 robocup.jpg
The answer for both questions are Yes. Result of threshold 40 and 60.



Threshold = 40

Threshold = 60



Threshold 40

Threshold 60