Practical 1


```
  # Practical 1 - sample OpenCV code placeholder
import cv2
import numpy as np

def practical_1():
    # Replace this sample code with the actual practical code from your lecture.
    img = np.zeros((200,400,3), dtype=np.uint8)
    cv2.putText(img, 'Practical 1 - placeholder', (10,100), cv2.FONT_HERSHEY_SIMPLEX, 0.7, (25
    cv2.imwrite('practical_1_output.png', img)

if __name__ == '__main__':
    practical_1()
```

Practical 2


```
  # Practical 2 - sample OpenCV code placeholder
import cv2
import numpy as np

def practical_2():
    # Replace this sample code with the actual practical code from your lecture.
    img = np.zeros((200,400,3), dtype=np.uint8)
    cv2.putText(img, 'Practical 2 - placeholder', (10,100), cv2.FONT_HERSHEY_SIMPLEX, 0.7, (25
    cv2.imwrite('practical_2_output.png', img)

if __name__ == '__main__':
    practical_2()
```

Practical 3


```
  # Practical 3 - sample OpenCV code placeholder
import cv2
import numpy as np

def practical_3():
    # Replace this sample code with the actual practical code from your lecture.
    img = np.zeros((200,400,3), dtype=np.uint8)
    cv2.putText(img, 'Practical 3 - placeholder', (10,100), cv2.FONT_HERSHEY_SIMPLEX, 0.7, (25
    cv2.imwrite('practical_3_output.png', img)

if __name__ == '__main__':
    practical_3()
```

Practical 4


```
  # Practical 4 - sample OpenCV code placeholder
import cv2
import numpy as np

def practical_4():
    # Replace this sample code with the actual practical code from your lecture.
    img = np.zeros((200,400,3), dtype=np.uint8)
    cv2.putText(img, 'Practical 4 - placeholder', (10,100), cv2.FONT_HERSHEY_SIMPLEX, 0.7, (25
    cv2.imwrite('practical_4_output.png', img)

if __name__ == '__main__':
    practical_4()
```

Practical 5


```
  # Practical 5 - sample OpenCV code placeholder
import cv2
import numpy as np

def practical_5():
    # Replace this sample code with the actual practical code from your lecture.
    img = np.zeros((200,400,3), dtype=np.uint8)
    cv2.putText(img, 'Practical 5 - placeholder', (10,100), cv2.FONT_HERSHEY_SIMPLEX, 0.7, (25
    cv2.imwrite('practical_5_output.png', img)

if __name__ == '__main__':
    practical_5()
```

Practical 6


```
  # Practical 6 - sample OpenCV code placeholder
import cv2
import numpy as np

def practical_6():
    # Replace this sample code with the actual practical code from your lecture.
    img = np.zeros((200,400,3), dtype=np.uint8)
    cv2.putText(img, 'Practical 6 - placeholder', (10,100), cv2.FONT_HERSHEY_SIMPLEX, 0.7, (25
    cv2.imwrite('practical_6_output.png', img)

if __name__ == '__main__':
    practical_6()
```

Practical 7


```
  # Practical 7 - sample OpenCV code placeholder
import cv2
import numpy as np

def practical_7():
    # Replace this sample code with the actual practical code from your lecture.
    img = np.zeros((200,400,3), dtype=np.uint8)
    cv2.putText(img, 'Practical 7 - placeholder', (10,100), cv2.FONT_HERSHEY_SIMPLEX, 0.7, (25
    cv2.imwrite('practical_7_output.png', img)

if __name__ == '__main__':
    practical_7()
```

Practical 8


```
  # Practical 8 - sample OpenCV code placeholder
import cv2
import numpy as np

def practical_8():
    # Replace this sample code with the actual practical code from your lecture.
    img = np.zeros((200,400,3), dtype=np.uint8)
    cv2.putText(img, 'Practical 8 - placeholder', (10,100), cv2.FONT_HERSHEY_SIMPLEX, 0.7, (25
    cv2.imwrite('practical_8_output.png', img)

if __name__ == '__main__':
    practical_8()
```

Practical 9


```
  # Practical 9 - sample OpenCV code placeholder
import cv2
import numpy as np

def practical_9():
    # Replace this sample code with the actual practical code from your lecture.
    img = np.zeros((200,400,3), dtype=np.uint8)
    cv2.putText(img, 'Practical 9 - placeholder', (10,100), cv2.FONT_HERSHEY_SIMPLEX, 0.7, (25
    cv2.imwrite('practical_9_output.png', img)

if __name__ == '__main__':
    practical_9()
```

Practical 10


```
  # Practical 10 - sample OpenCV code placeholder
import cv2
import numpy as np

def practical_10():
    # Replace this sample code with the actual practical code from your lecture.
    img = np.zeros((200,400,3), dtype=np.uint8)
    cv2.putText(img, 'Practical 10 - placeholder', (10,100), cv2.FONT_HERSHEY_SIMPLEX, 0.7, (2
    cv2.imwrite('practical_10_output.png', img)

if __name__ == '__main__':
    practical_10()
```

Practical 11


```
  # Practical 11 - sample OpenCV code placeholder
import cv2
import numpy as np

def practical_11():
    # Replace this sample code with the actual practical code from your lecture.
    img = np.zeros((200,400,3), dtype=np.uint8)
    cv2.putText(img, 'Practical 11 - placeholder', (10,100), cv2.FONT_HERSHEY_SIMPLEX, 0.7, (2
    cv2.imwrite('practical_11_output.png', img)

if __name__ == '__main__':
    practical_11()
```

Practical 12


```
  # Practical 12 - sample OpenCV code placeholder
import cv2
import numpy as np

def practical_12():
    # Replace this sample code with the actual practical code from your lecture.
    img = np.zeros((200,400,3), dtype=np.uint8)
    cv2.putText(img, 'Practical 12 - placeholder', (10,100), cv2.FONT_HERSHEY_SIMPLEX, 0.7, (2
    cv2.imwrite('practical_12_output.png', img)

if __name__ == '__main__':
    practical_12()
```