

Task 1: Object Detection / Optical Character Recognition (ORC)

```
In [ ]:
```

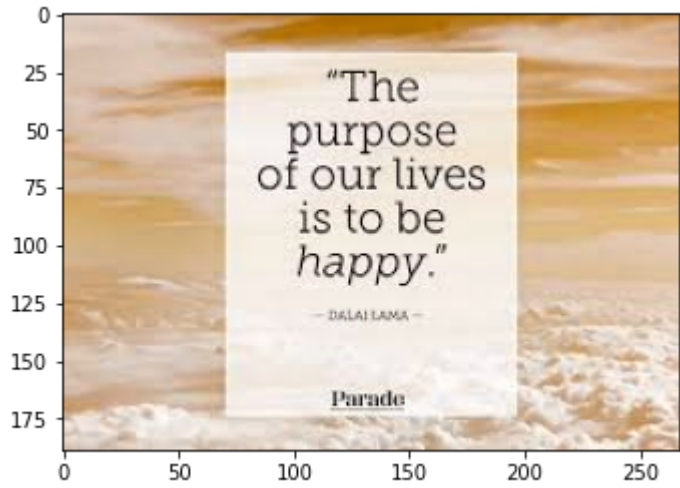
Import Libraries

```
In [16]: import cv2 as cv
import matplotlib.pyplot as plt
import pytesseract
```

Image

```
In [17]: image=cv.imread("C:\\Users\\Admin\\Desktop\\pic.jpg")
plt.imshow(image)
```

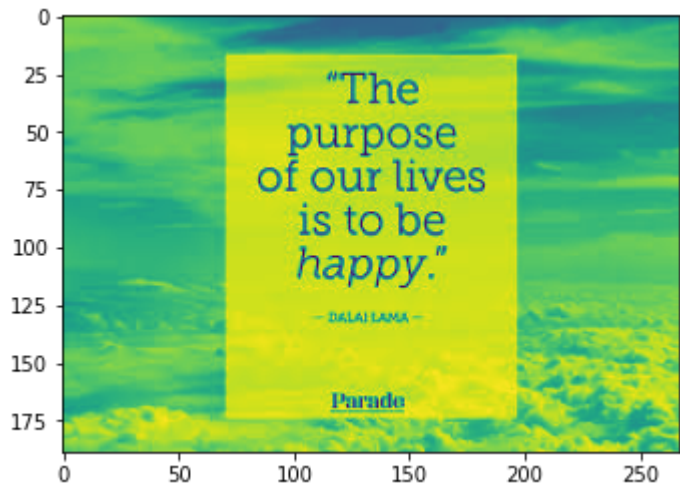
Out[17]: <matplotlib.image.AxesImage at 0x220f7c6a400>



Convert image to grayscale

```
In [18]: gray=cv.cvtColor(image,cv.COLOR_BGR2GRAY)
plt.imshow(gray)
```

Out[18]: <matplotlib.image.AxesImage at 0x220f7cd62e0>



To detect text

```
In [19]: text=pytesseract.image_to_string(gray)
print(text)
```

“The  
purpose  
of our lives  
is to be  
  
happy’

```
In [ ]:
```