Assignment

Problem statement:

The following folder contains images of signals, you need to convert them into 1 dimensional signals using python. The code of this conversion should be sent to us in the form of ipynb or py files.

For example, for the 1st image in folder, the signal extracted from the image can be seen in signal.npy file provided to you.

You can load the signal.npy file using numpy and plot and see the converted signal of 1st image in the provided folder.

```
signal = numpy.load("signal.npy")
matplotlib.pyplot.plot(signal)
```

In this way you need to convert all the 5 images given to you in the folder into signals and send us the signal files with proper name along with the code.

All the Best, feel free to reach out for any clarifications.