The code for HW3 is separated into question\_1.py、question\_2.py and to represent each question in HW3. I have written environment information in requirements.txt.

Question 1

Fig1 is “foreman\_qcif\_0\_rgb.bmp” after fourier transform

|  |
| --- |
|  |
| Fig1. Fourier Transform |

Question 2

Fig2 is “foreman\_qcif\_0\_rgb.bmp” luma channel after inverse quantization and IDCT

|  |
| --- |
|  |
| Fig.2 decoded Frame |