Contribution of student :

1. **Ronit Kanojiya (B20BB033)** :- I worked on the main idea of the question , through which Saurabh was able to write codes . I also debugged the codes at different stages of programming . I tried solving the question in 2 different ways ,but failed . Then came an almost correct interpretation using which Saurabh was able to write code .

2. **Modi Saurabh Mehul (B20EE035)** :- I had done coding work, from the interpretation given by Ronit. Creating functions and dividing the codes in part, instead of writing all code at once was my idea. Wrote 8 codes before writing the almost correct one. Plotting and interpretation of the graph was done by me. Also, the implementation of kernel method with reflection approach for denoising was done by me. The idea of implementing a threshold constant t to increase the efficiency was also my idea.

Common work done by both of us :-
1. Written the Readme file .
2. Creation of report ,conclusion and theoretical explanation .
3. Shifting the code writing from python to MATLAB