## **Problem Statement 1:**

Implement a median filter from scratch using C++ . Input should be an Image and the output should be a Linear filtered Image, Neat Documentation is expected with Code, Explanation, Input, and Output Image.

### **Expected Output:**

- 1. Detailed documentation
- 2. Code's with Github link
- 3. screenshots and screen recording

# **Problem Statement 2: - Mandatory**

### Do unzip operation on archive file:

Write a c++ code to unzip the archive file, from scratch or using c++ library (ex: zlib).

### **Expected Output:**

- 1. Document with clear explanations.
- 2. Code's and library build compiled files with GitHub link
- 3. Recorded output video.