Programming Assignment

ECB Mode:

When we encrypt Image with patterns the encrypted image also holds the same pattern. This is the problem with ECB because it treats each block as individual data, if there are repetitions it gets converted into same data.

CBC Mode:

CBC mode uses the previous blocks data to encrypt next blog along with the AES algorithm so every next block is different from other even if both are same. Lets say we have two consecutive blocks of same data then second block will be using the previous block data so they two will be different

In the code we are reading image data and converting that to RGB format and then into bytes of data. These bytes of data are encrypted and converted back into an image