Report exercise 1 - Image datatypes

Compute how many bytes are at minimum needed to store the following images if no compression is used.

a. A single channel 8 bit unsigned integer image with dimensions 1024 x 768

b. A 3 channel 32 bit floating point image with dimensions 640 x 480.

c. A 2 channel 16 bit signed integer image with dimensions 1280 x 720

Write how each of the three images can be initialized and filled with zeros using the OpenCV4 C++ api. Each initialization must be done with a single call to the cv::Mat constructor

Hint: See the documentation for the cv::Mat class constructor `https://docs.opencv.org/4.x/d3/d63/classcv_1_1Mat.html#a3620c370690b5ca4d40c767be6fb4ceb`