

영상처리 실제 5주차 실습_히스토그램

2023254015 장욱진

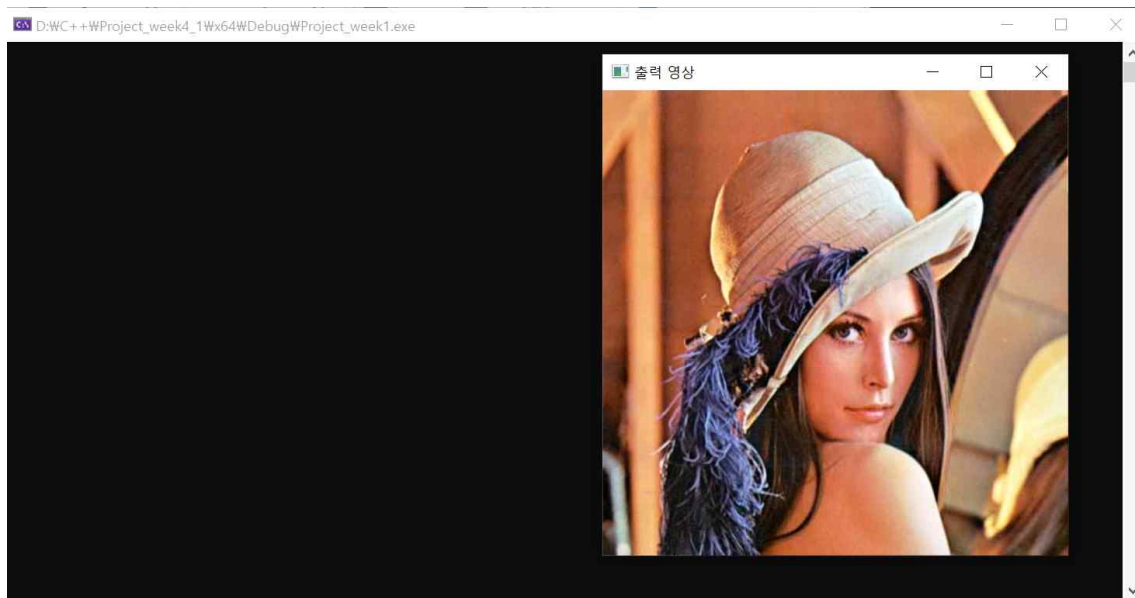
```
#include <opencv2/opencv.hpp>
#include <iostream>
using namespace cv;
using namespace std;

void page26()
{
    Mat image;
    image = imread("./lenna.jpg", IMREAD_COLOR);
    if (image.empty()) { cout << "영상을 읽을 수 없음" << endl; }
    imshow("출력 영상", image);
    waitKey(0);
}

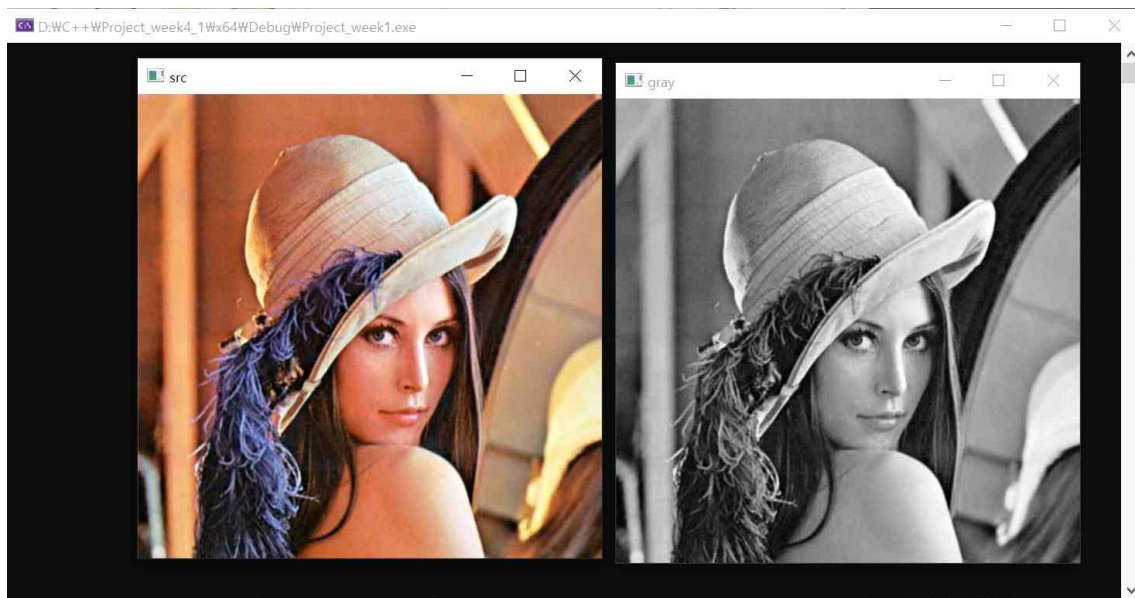
void page28()
{
    Mat src = imread("./lenna.jpg", IMREAD_COLOR);
    if (src.empty()) { cout << "영상을 읽을 수 없음" << endl; }
    imshow("src", src);
    Mat gray, edge, output;
    cvtColor(src, gray, CV_BGR2GRAY);
    imshow("gray", gray);
    imwrite("d:/gray.jpg", gray);
    waitKey(0);
}

int main()
{
    page26();
    page28();
    return 0;
}
```

결과화면



<page26 결과화면>



x64



gray



lenna

<page28 결과화면>