•Computer Vision HW1 R10922A16 蔡家豪

•

•Part1. Write a program to do the following requirement.

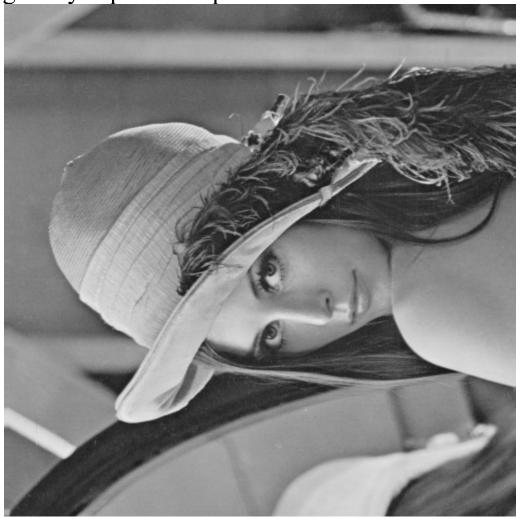
•(a) upside-down lena.bmp



•(b) right-side-left lena.bmp



•(c) diagonally flip lena.bmp



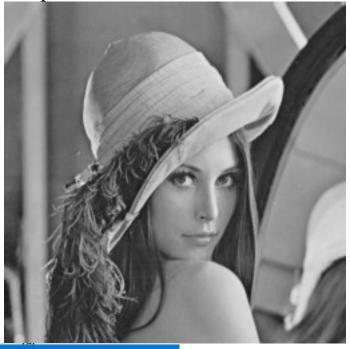
```
void diagonally_flip(){
    for(int i=0;i<x;i++){
        for(int j=0;j<y;j++){
            img.at<char>(i,j)=lena.at<char>(j,i);
        }
    }
}
```

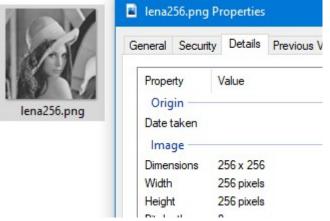
•(d) rotate lena.bmp 45 degrees clockwise

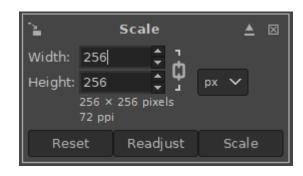


用 gimp 來旋轉 tools->transform tools ->Rotate

•(e) shrink lena.bmp in half







用 gimp 來縮小 tools->transform tools ->Scale

