Negative Filter

Module main() {

Declare String name

Declare int width

Declare int height

Display “Please enter the file name: “

Input name

Display “Please enter the width of the file: “

Input width

Display “Please enter the height of the file: “

Input height

Declare int pixels[width \* height]

Call getNegative(name, width, height, pixels)

}

Module getNegative(String name, int width, int height, int pixels[]) {

for (int i = 0; i < width; i++) {

for (int j; j < height; j++) {

pixels[i \* j] = 0x00FFFFFFU – pixels[i \* j]

}

}

}

Module main() {

Declare String name

Declare int width

Declare int height

Display “Please enter the file name: “

Input name

Display “Please enter the width of the file: “

Input width

Display “Please enter the height of the file: “

Input height

Declare int pixels[width \* height]

Call getNegative(name, width, height, pixels)

}

Module getNegative(String name, int width, int height, int pixels[]) {

for (int i = 0; i < width; i++) {

for (int j; j < height; j++) {

pixels[i \* j] = pixels[i \* j] + 0x00EEF442

}

}

}