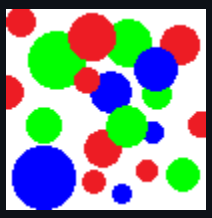
Examples

Basic Examples

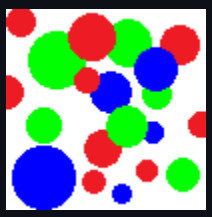



input output

```
> java BlobDetection ../input/04_Circles.png -k 1 -r 0 -g 0 -b 255 -d 5 -o
../output/04_Circles_find_1_blue.png
1/5
Blob 1: 812 pixels
- Saved result to ../output/04_Circles_find_1_blue.png
```

Example 2

Detect five blue circles in image 04_Circles.png

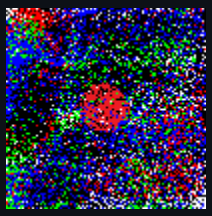
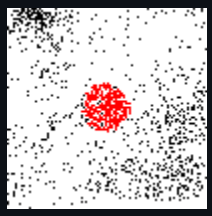



input output

```
> java BlobDetection ../input/04_Circles.png -k 5 -r 0 -g 0 -b 255 -d 5 -o
../output/04_Circles_find_5_blue.png
5/5
Blob 1: 812 pixels
Blob 2: 376 pixels
Blob 3: 304 pixels
Blob 4: 82 pixels
Blob 5: 80 pixels
- Saved result to ../output/04_Circles_find_5_blue.png
```

Example 3

Detect largest red area in image 05_Spray.png

input output

```
> java BlobDetection ../input/05_Spray.png -k 1 -r 255 -g 0 -b 0 -d 5 -o
../output/05_Spray_find_1_red.png
1/590
Blob 1: 291 pixels
- Saved result to ../output/05_Spray_find_1_red.png
```

Example 4

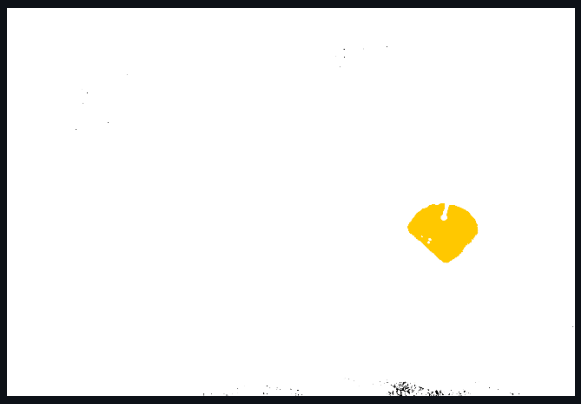
Detect a red train in image 07_Lego_train_layout_at_National_Train_Show_2005.jpg


input output

```
> java BlobDetection ../input/07_Lego_train_layout_at_National_Train_Show_2005.jpg -k
1 -r 255 -g 10 -b 10 -d 10 -o
../output/07_Lego_train_layout_at_National_Train_Show_2005_find_1_red.jpg
1/240
Blob 1: 2995 pixels
- Saved result to
../output/07_Lego_train_layout_at_National_Train_Show_2005_find_1_red.png
```

Example 5

Detect a pumpkin in image 15_Amish_Dolls_blob_find_1_pumpkin.png



input output

```
> java BlobDetection ../input/15_Amish_Dolls.jpg -k 1 -r 255 -g 200 -b 0 -d 10 -o
../output/15_Amish_Dolls_blob_find_1_pumpkin.png
1/392
Blob 1: 59638 pixels
- Saved result to ../output/15_Amish_Dolls_blob_find_1_pumpkin.png
```