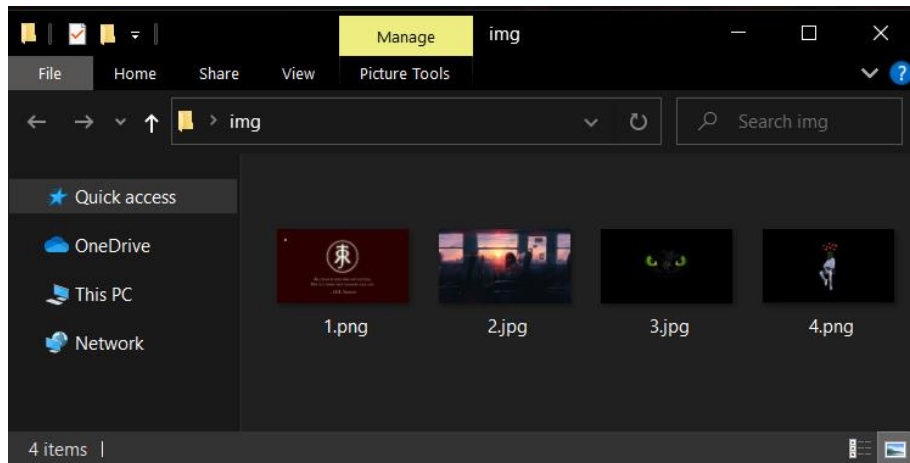


Output:

1) Rotating image

a) Before:



b) Code Running

```
Image Manipulator

If image is in desktop's image folder then give input as:
\Desktop\image\
Enter the directory:
\Desktop\img\

Enter the image name(photo.jpg,img.png):2.jpg

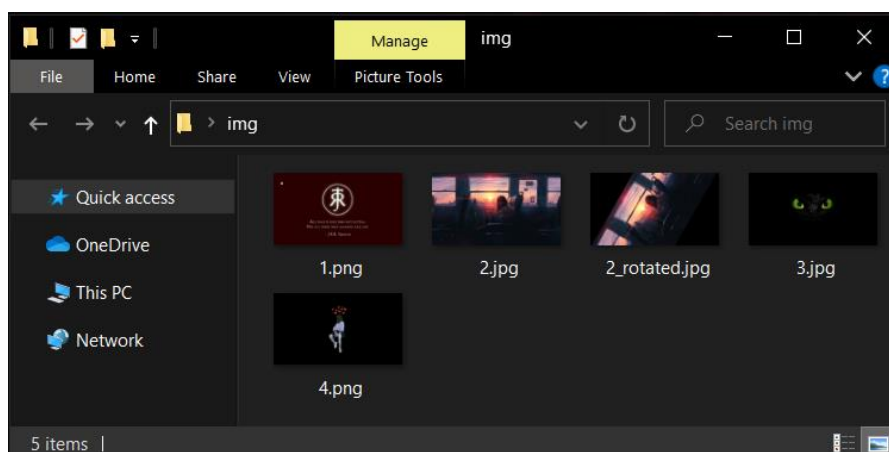
Tasks Done:
1.Rotate
2.Resize
3.Resize and Rotate
4.B&W
5.Change extension
What would you like to do?:1

How many degrees you want to rotate? :60

Rotated Successfully
Thank you!

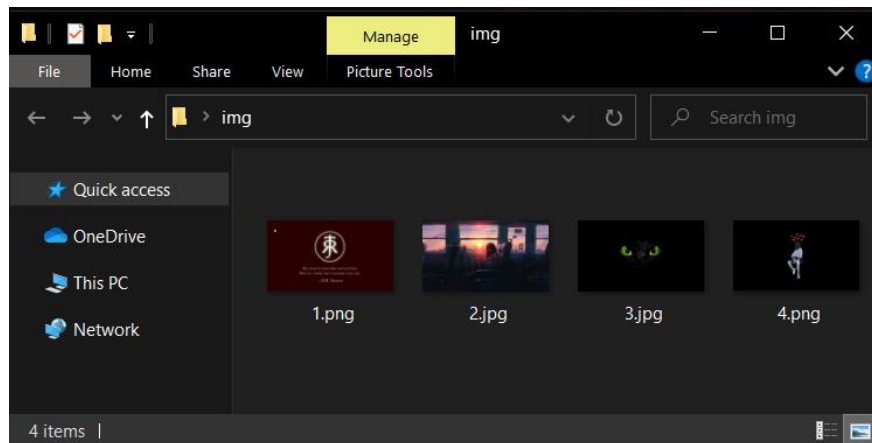
Process returned 0 (0x0)      execution time : 514.986 s
Press any key to continue . . .
```

c) After



2) Resize image

a) Before



b) Code Running

```
Image Manipulator

If image is in desktop's image folder then give input as:
\Desktop\image\
Enter the directory:
\Desktop\img\

Enter the image name(photo.jpg,img.png):4.png

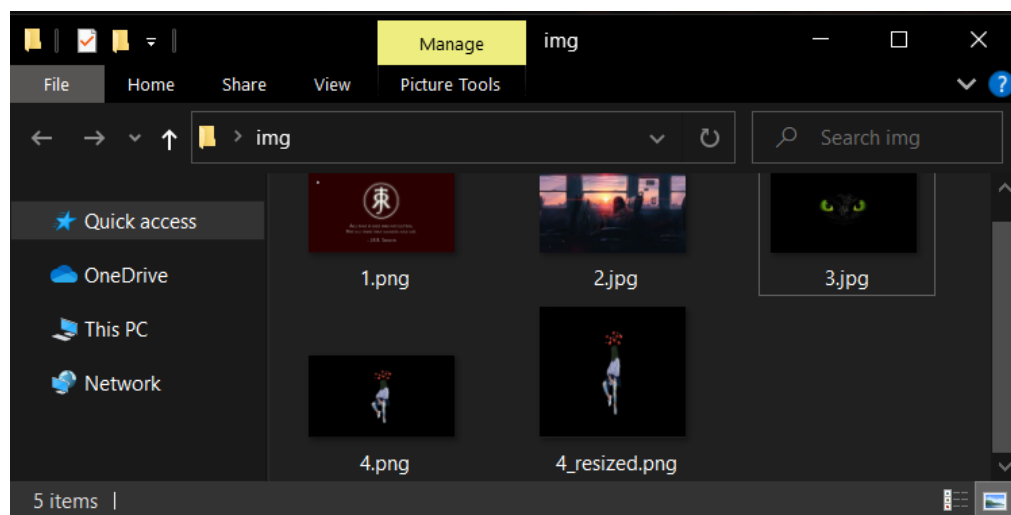
Tasks Done:
1.Rotate
2.Resize
3.Resize and Rotate
4.B&W
5.Change extension
What would you like to do?:2

Enter the width:600
Enter the height:540

Resized Successfully
Thank you!

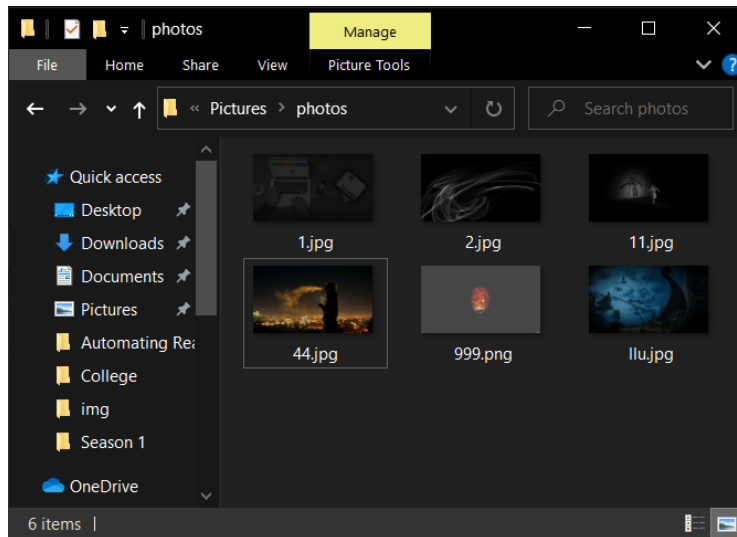
Process returned 0 (0x0)      execution time : 128.532 s
Press any key to continue . . .
```

c) After



3) Resize and Rotate

a) Before:



b) Code running

```
C:\Program Files (x86)\Python38-32\python.exe
Image Manipulator

If image is in desktop's image folder then give input as:
\Desktop\image\
Enter the directory:
\Pictures\photos\

Enter the image name(photo.jpg,img.png):44.jpg

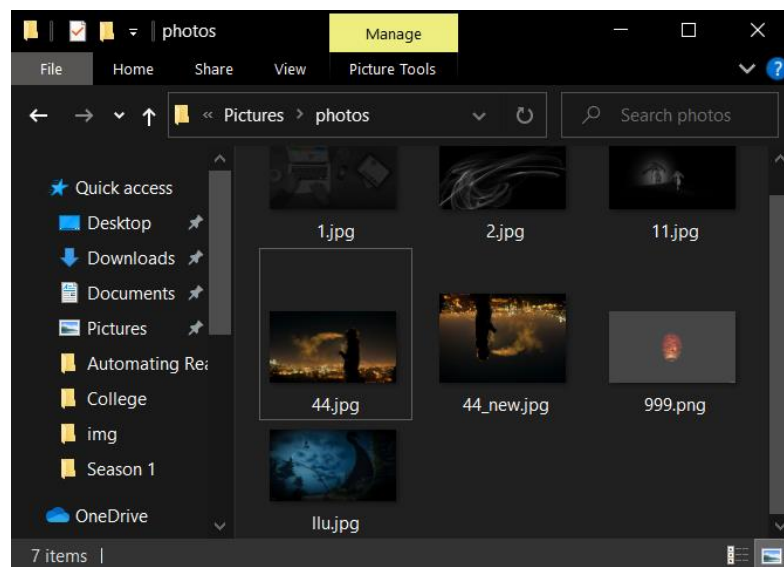
Tasks Done:
1.Rotate
2.Resize
3.Resize and Rotate
4.B&W
5.Change extension
What would you like to do?:3

How many degrees you want to rotate?:180
Enter the width:500
Enter the height:350

Resized and Rotated Successfully
Thank you!

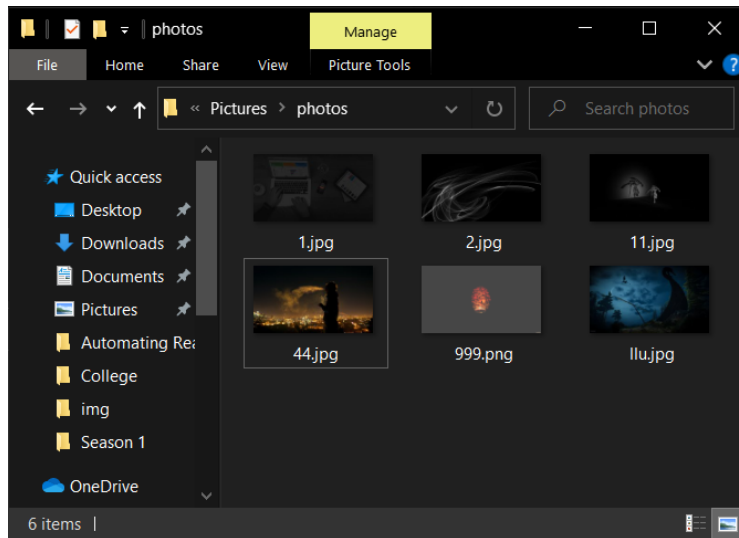
Process returned 0 (0x0)      execution time : 39.873 s
Press any key to continue . . .
```

c) After



4) B&W

a) Before



b) Code Running

```
Image Manipulator

If image is in desktop's image folder then give input as:
\Desktop\image\
Enter the directory:
\Pictures\photos\

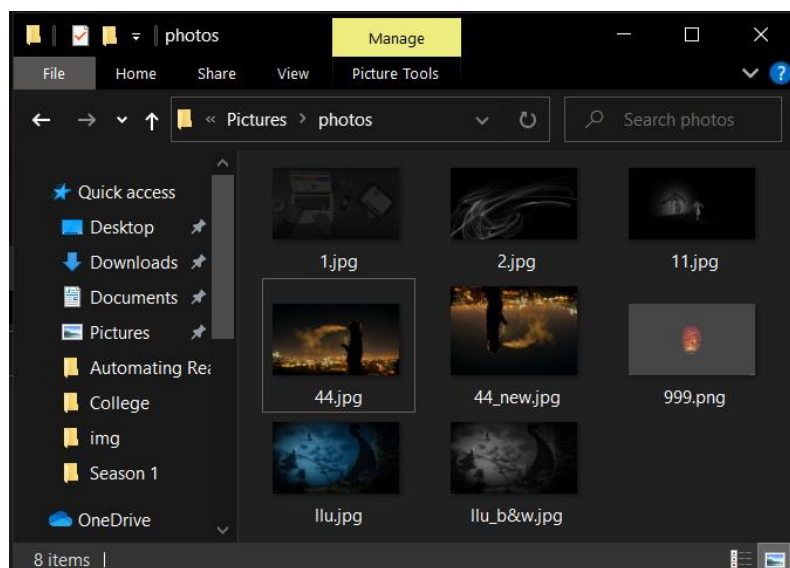
Enter the image name(photo.jpg,img.png):llu.jpg

Tasks Done:
1.Rotate
2.Resize
3.Resize and Rotate
4.B&W
5.Change extension
What would you like to do?:4

B&W Successful
Thank you!

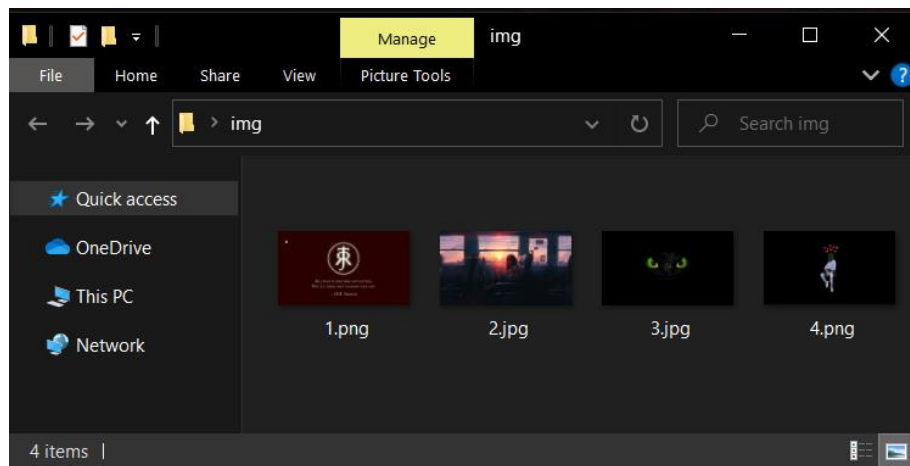
Process returned 0 (0x0)      execution time : 37.807 s
Press any key to continue . . .
```

c) After



5) Changing Extension

a) Before



b) Code running

```
Image Manipulator

If image is in desktop's image folder then give input as:
\Desktop\image\
Enter the directory:
\Desktop\img\

Enter the image name(photo.jpg,img.png):2.jpg

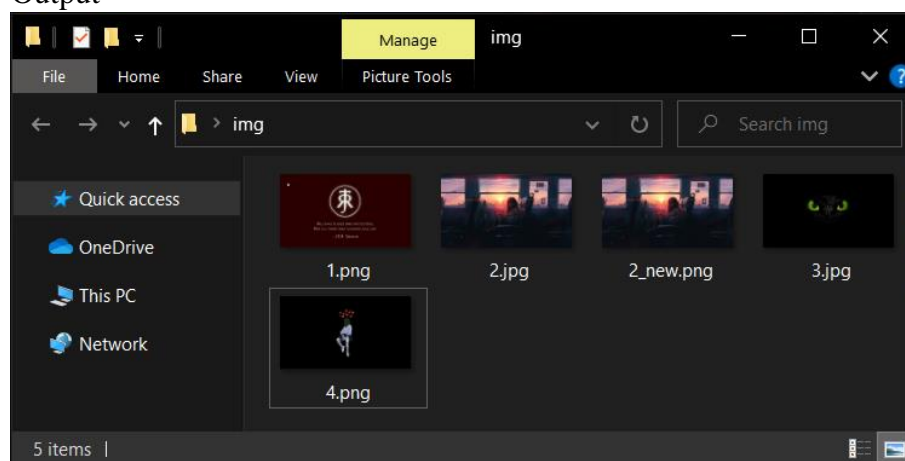
Tasks Done:
1.Rotate
2.Resize
3.Resize and Rotate
4.B&W
5.Change extension
What would you like to do?:5

Enter the extension(.jpg, .png, .jpeg etc):.png

Extension Changed Successfully
Thank you!

Process returned 0 (0x0)      execution time : 21.774 s
Press any key to continue . . .
```

c) Output



6) Errors Handling

a) If wrong file name given

```
Image Manipulator

If image is in desktop's image folder then give input as:
\Desktop\image\
Enter the directory:
\Desktop\img\

Enter the image name(photo.jpg,img.png):hey.jpg

Tasks Done:
1.Rotate
2.Resize
3.Resize and Rotate
4.B&W
5.Change extension
What would you like to do?:4

!!!Image Not Found!!!
Thank you!

Process returned 0 (0x0)      execution time : 17.540 s
Press any key to continue . . .
```

b) If extension cannot be changed

```
Image Manipulator

If image is in desktop's image folder then give input as:
\Desktop\image\
Enter the directory:
\Pictures\Share x\

Enter the image name(photo.jpg,img.png):1.png

Tasks Done:
1.Rotate
2.Resize
3.Resize and Rotate
4.B&W
5.Change extension
What would you like to do?:5

Enter the extension(.jpg, .png, .jpeg etc):.jpeg

Cannot change extension

Process returned 0 (0x0)      execution time : 24.452 s
Press any key to continue . . .
```

c) If path doesn't exists

```
Image Manipulator

If image is in desktop's image folder then give input as:
\Desktop\image\
Enter the directory:
\Desktop\photos\

No Such Directory!!

Process returned 0 (0x0)      execution time : 10.600 s
Press any key to continue . . .
```

d) If wrong input given on asking what task is to be done

```
Image Manipulator

If image is in desktop's image folder then give input as:
\Desktop\image\
Enter the directory:
\Desktop\img\

Enter the image name(photo.jpg,img.png):png

Tasks Done:
1.Rotate
2.Resize
3.Resize and Rotate
4.B&W
5.Change extension
What would you like to do?:

Please enter an integer value.

Process returned 0 (0x0)          execution time : 10.505 s
Press any key to continue . . .
```