

# CODE STRUCTURE

image-resizer/

└─ resizer.py

└─ requirements.txt

└─ input/

| └─ photo1.jpg

| └─ photo2.png

| └─ photo3.jpg

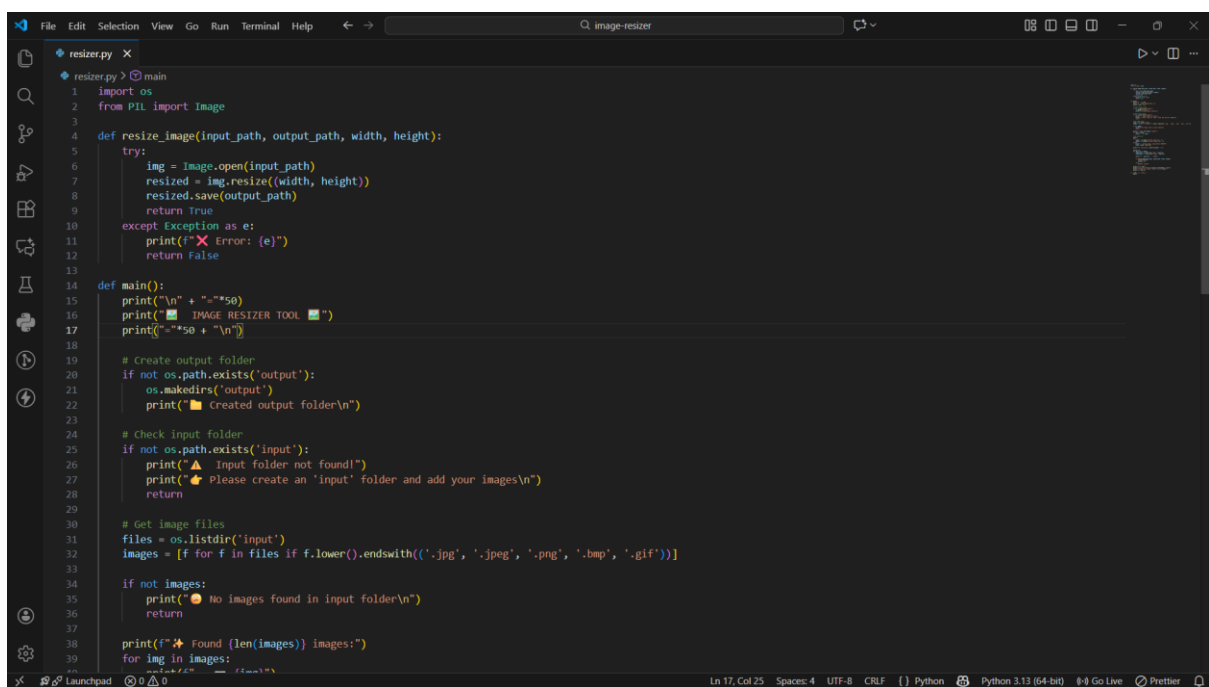
└─ output/

└─ photo1.jpg

└─ photo2.png

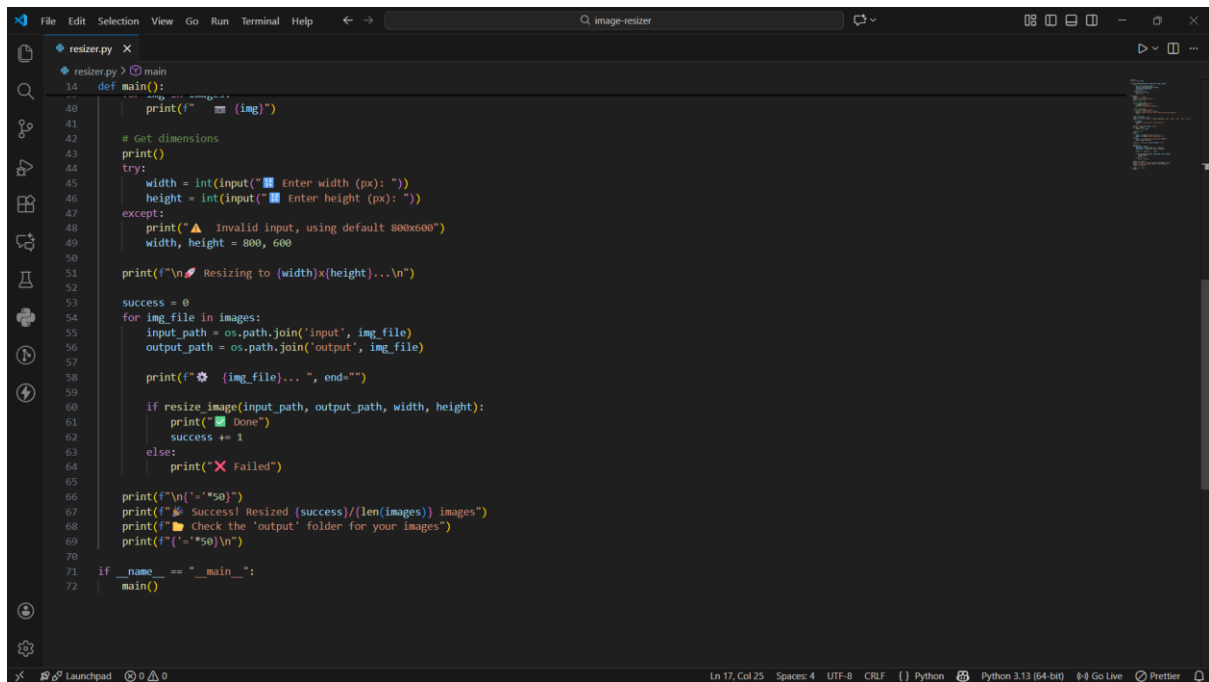
└─ photo3.jpg

# SCREENSHOTS



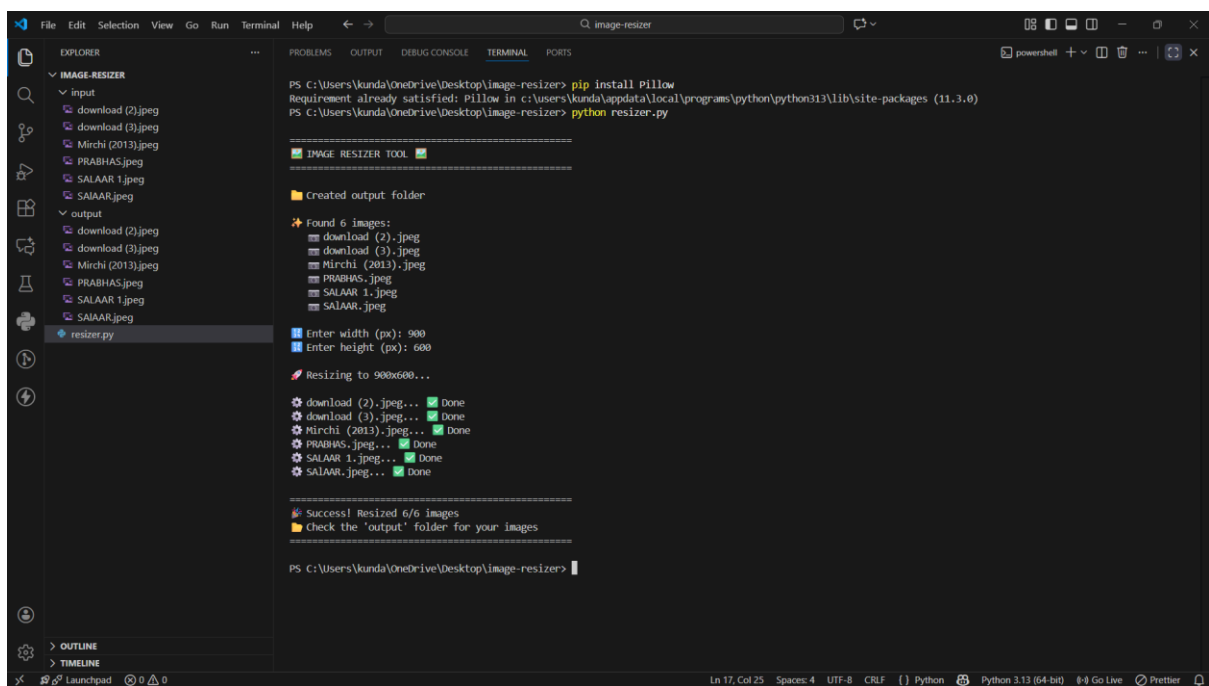
The screenshot shows a code editor with a dark theme. The file 'resizer.py' is open, and the code is as follows:

```
1 import os
2 from PIL import Image
3
4 def resize_image(input_path, output_path, width, height):
5     try:
6         img = Image.open(input_path)
7         resized = img.resize((width, height))
8         resized.save(output_path)
9         return True
10    except Exception as e:
11        print(f"❌ Error: {e}")
12        return False
13
14 def main():
15     print("\n" + "="*50)
16     print("🖼️ IMAGE RESIZER TOOL 🖼️")
17     print("="*50 + "\n")
18
19     # Create output folder
20     if not os.path.exists('output'):
21         os.makedirs('output')
22         print("📁 Created output folder\n")
23
24     # Check input folder
25     if not os.path.exists('input'):
26         print("⚠️ Input folder not found!")
27         print("💡 Please create an 'input' folder and add your images\n")
28         return
29
30     # Get image files
31     files = os.listdir('input')
32     images = [f for f in files if f.lower().endswith(('.jpg', '.jpeg', '.png', '.bmp', '.gif'))]
33
34     if not images:
35         print("🔴 No images found in input folder\n")
36         return
37
38     print(f"🔥 Found {len(images)} images:")
39     for img in images:
```



```
14 def main():
15     print(f"📁 {img}")
16
17     # Get dimensions
18     print()
19     try:
20         width = int(input("📏 Enter width (px): "))
21         height = int(input("📏 Enter height (px): "))
22     except:
23         print("⚠️ Invalid input, using default 800x600")
24         width, height = 800, 600
25
26     print(f"🔪 Resizing to (width)x(height)...")
27
28     success = 0
29     for img_file in images:
30         input_path = os.path.join('input', img_file)
31         output_path = os.path.join('output', img_file)
32
33         print(f"📁 {img_file}... ", end="")
34
35         if resize_image(input_path, output_path, width, height):
36             print("✅ Done")
37             success += 1
38         else:
39             print("❌ Failed")
40
41     print(f"\n{'='*50}")
42     print(f"🎉 Success! Resized {success}/{len(images)} images")
43     print(f"📁 Check the 'output' folder for your images")
44     print(f"{'='*50}")
45
46 if __name__ == "__main__":
47     main()
```

# TERMINAL



```
PS C:\Users\kunda\OneDrive\Desktop\image-resizer> pip install Pillow
Requirement already satisfied: Pillow in c:\users\kunda\appdata\local\programs\python\python313\lib\site-packages (11.3.0)
PS C:\Users\kunda\OneDrive\Desktop\image-resizer> python resizer.py

=====
📁 IMAGE RESIZER TOOL 📁
=====

📁 Created output folder

🔪 Found 6 images:
📁 download (2).jpeg
📁 download (3).jpeg
📁 Mirchi (2013).jpeg
📁 PRABHAS.jpeg
📁 SALAAR 1.jpeg
📁 SALAAR.jpeg

📏 Enter width (px): 900
📏 Enter height (px): 600

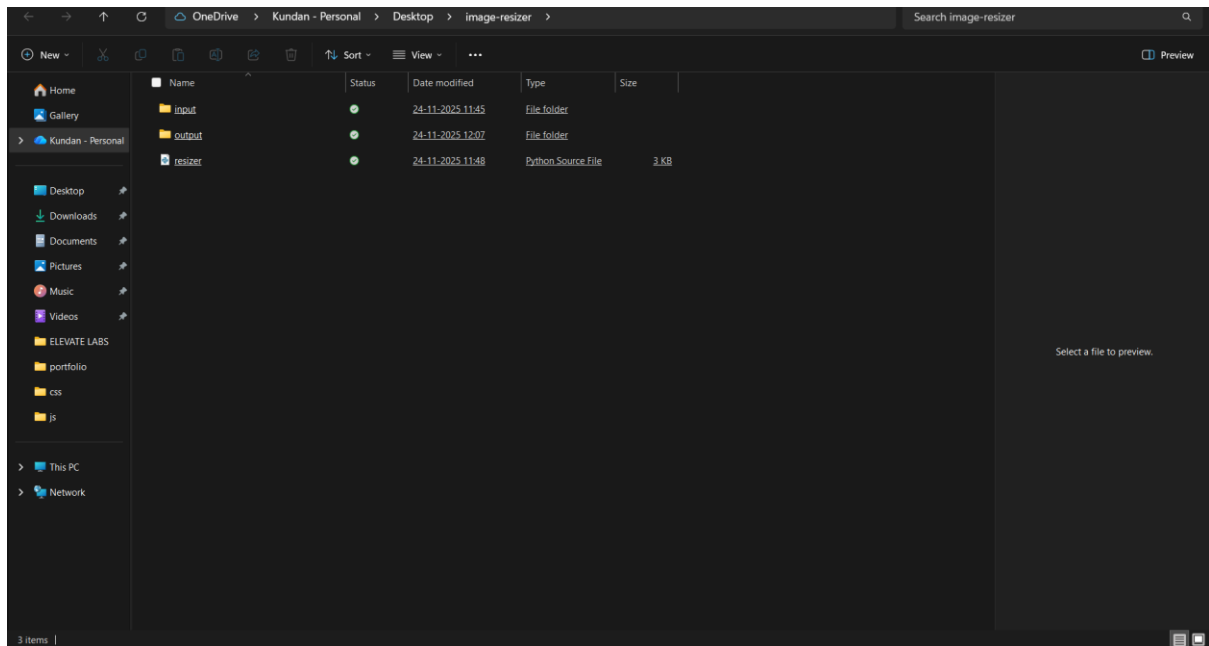
🔪 Resizing to 900x600...

📁 download (2).jpeg... ✅ Done
📁 download (3).jpeg... ✅ Done
📁 Mirchi (2013).jpeg... ✅ Done
📁 PRABHAS.jpeg... ✅ Done
📁 SALAAR 1.jpeg... ✅ Done
📁 SALAAR.jpeg... ✅ Done

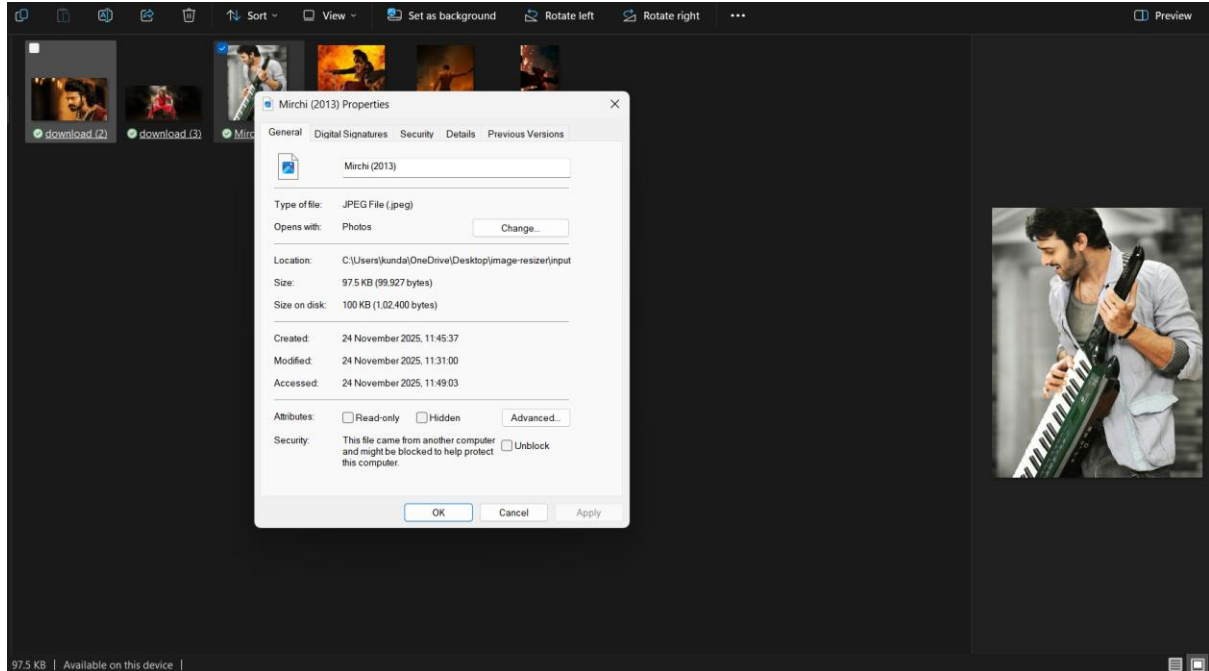
=====
🎉 Success! Resized 6/6 images
📁 Check the 'output' folder for your images
=====

PS C:\Users\kunda\OneDrive\Desktop\image-resizer>
```

# *Folder*



## *INPUT: -*



## *OUTPUT: -*

