```
pip install pillow
    Requirement already satisfied: pillow in /usr/local/lib/python3.10/dist-packages (9.4.0)
from PIL import Image
import numpy as np
def encrypt image(image path, key):
   # Open the image
    image = Image.open(image path)
    image array = np.array(image)
    # Encrypt the image by XORing each pixel value with the key
   encrypted_array = image array ^ kev
    # Create a new image from the encrypted array
   encrypted image = Image.fromarray(encrypted array)
    encrypted image.save("encrypted image.png")
    print("Image encrypted and saved as encrypted image.png")
def decrypt image(image path, key):
    # Open the encrypted image
    encrypted image = Image.open(image path)
    encrypted array = np.array(encrypted image)
    # Decrypt the image by XORing each pixel value with the key
    decrypted array = encrypted array ^ key
    # Create a new image from the decrypted array
   decrypted image = Image.fromarray(decrypted array)
   decrypted_image.save("decrypted_image.png")
    print("Image decrypted and saved as decrypted image.png")
def main():
    choice = input("Do you want to encrypt or decrypt an image? (e/d): ").strip().lower()
   if choice not in ['e', 'd']:
        print("Invalid choice! Please choose 'e' for encryption or 'd' for decryption.")
       return
    image path = input("Enter the path to the image file: ").strip()
```

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key = int(input("Enter the encryption/decryption key (0-255): ").strip())

if choice == 'e':
    encrypt_image(image_path, key)

else:
    decrypt_image(image_path, key)

if __name__ == "__main__":
    main()

Do you want to encrypt or decrypt an image? (e/d): e
```