33)Write a Python function to create a white image size entered by the user and then create a shape of Rectangle using Open CV.

CODE:
```python
import cv2
import numpy as np

def draw_rectangle_on_white_image(width, height):
    # Create a white image (255 for all pixels in all 3 channels)
    image = np.ones((height, width, 3), dtype=np.uint8) * 255

    # Define top-left and bottom-right corners of the rectangle
    rect_top_left = (width // 4, height // 4)
    rect_bottom_right = (3 * width // 4, 3 * height // 4)

    # Draw the rectangle (blue color in BGR, thickness 3)
    cv2.rectangle(image, rect_top_left, rect_bottom_right, color=(255, 0, 0), thickness=3)

    # Display the image
    cv2.imshow("Rectangle on White Image", image)
    cv2.waitKey(0)
    cv2.destroyAllWindows()

    # Optionally save the image
    cv2.imwrite("rectangle_output.jpg", image)

# Example usage:
width = int(input("Enter image width: "))
height = int(input("Enter image height: "))
draw_rectangle_on_white_image(width, height)
```