

```
import cv2

import numpy as np

def create_image_with_text():

    # Step 1: Take image size input from the user

    width = int(input("Enter the width of the image: "))

    height = int(input("Enter the height of the image: "))

    # Step 2: Create a white image

    image = np.ones((height, width, 3), dtype=np.uint8) * 255    # White image

    # Step 3: Take the text input from the user

    text = input("Enter the text to display on the image: ")

    # Step 4: Define font, position, size, color, and thickness

    font = cv2.FONT_HERSHEY_SIMPLEX    # Font style

    font_scale = 1    # Font size

    color = (0, 0, 0)    # Black color (in BGR format)

    thickness = 2    # Thickness of the text

    position = (50, height // 2)    # Position of the text (starting point)

    # Step 5: Add text to the image

    cv2.putText(image, text, position, font, font_scale, color, thickness)

    # Step 6: Display the image with the text

    cv2.imshow('Image with Text', image)
```

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# Wait for a key press and close the window
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```
cv2.waitKey(0)
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```
cv2.destroyAllWindows()
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```
# Optionally, save the image
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```
# cv2.imwrite('output_image_with_text.png', image)
```

```
# Call the function
```

```
create_image_with_text()
```

