33)Write a Python function to create a white image size entered by the user and then create 4 boxes of Black, Blue, Green and Red respectively on each corner of the image. The size of the colored boxes should be 1/10th the size of the

CODE:

```python
import numpy as np
import cv2

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

    # Size of each colored box (1/10th of image size)
    box_w = width // 10
    box_h = height // 10

    # Top-left: Black box
    image[0:box_h, 0:box_w] = (0, 0, 0)  # BGR

    # Top-right: Blue box
    image[0:box_h, width-box_w:width] = (255, 0, 0)

    # Bottom-left: Green box
    image[height-box_h:height, 0:box_w] = (0, 255, 0)

    # Bottom-right: Red box
    image[height-box_h:height, width-box_w:width] = (0, 0, 255)

    # Show the image
    cv2.imshow('Colored Corners Image', image)
    cv2.waitKey(0)
    cv2.destroyAllWindows()

    # Optionally save the image
    cv2.imwrite('colored_corners.jpg', image)

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

OUTPUT: