Insect Identification Algorithms Demonstration of the Steps:

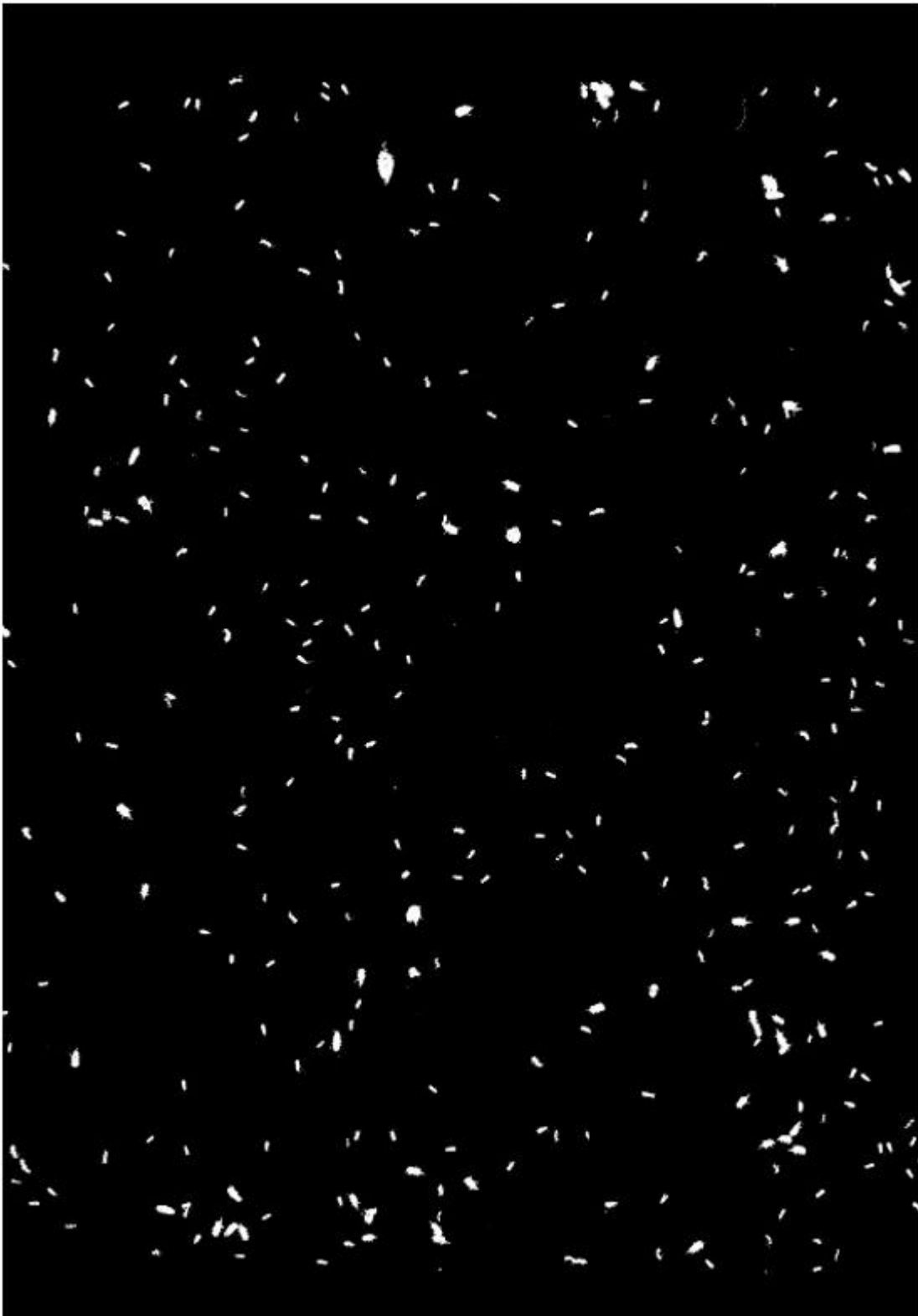**Step 1**: Receiving the Original Image:

Step 2: Converting the image to grayscale + Applying the Gaussian filter:

Step 3: Converting the image to a binary image and applying a threshold value (Threshold) to the image from the previous step

Step 4: After creating the contours of the objects and marking the existing objects in the image, this will be the input for the program. (Additionally, a CSV file will be created where the coordinates of each object will be stored. The data saved in the CSV file will include: x, y, width, height.)

Closer Look of the Marked Objects