# Assignment 3:

## Q1 (**1 point**): What’s the H value of red color? Copy your code and the image result of components in red here.

### Your code:

(Copy your core code here)

### Your result:

(Screenshot your results here)

## Q2 (**1 point**): What’s the proper threshold for grill components? Copy your code and the image result of grill template matching here.

### Your code:

(Copy your core code here)

### Your result:

(Screenshot your results here)

## Q3 (**1 point**): How do we extract the feature in target image? Copy your code and the result of feature descriptors on target image here.

### Your code:

(Copy your core code here)

### Your result:

(Screenshot your results here)

## Q4 (**1 point**): How do we visualize the KNN matching results? Copy your code and the result of KNN matching here.

### Your code:

(Copy your core code here)

### Your result:

(Screenshot your results here)

## Q5 (**1 point**): How can we get the exact range of the component in target image? Copy your code and the result image here.

### Your code:

(Copy your core code here)

### Your result:

(Screenshot your results here)

Please save your solution as **PDF** named “Assignment\_3 Your name.pdf” and submit to Canvas.