CHAPTER 6
CONCLUSION

The conclusion that can be drawn is that tesseract can indeed be used directly without pre-processing but the results produced are lacking, therefore in my opinion on the basis of research that I did pre-processing before tesseract is very important because it can be seen in the accuracy table that all trials say that the percentage of pre-processing success is higherit where the accuracy of tesseract is only 43% while using pre-processing rose rapidly to 59%. pre processing makes a lot of changes that were previously misdetected or even undetected can be detected. but there are some images that even though they have been given pre-processing there are still data that fail to be processed depending on the element in the image, this element itself is the background and the object itself. so that to answer the problem formulation, I can answer the first one, pre-processing is very influential on the use of tesseract and the second problem formulation is that the background image affects the sensitivity of the detection of this text itself. for images that we write ourselves, tesseract can't read handwriting well so it's not recommended to use this program to detect and convert handwriting, in this case the program has a very poor average text conversion value, and lastly for the cases detected are The dataset is in the form of images that we take ourselves, the factors that affect the success rate are the background of the object and the object itself, so if the object is not neat or there is interference from the object, it will greatly affect. and the font itself is also a factor, for example if the object has a unique font it can also worsen the conversion results.