

ABSTRACT

Batik is the cultural heritage of the nation of Indonesia which until now still can be enjoyed well into industrial use as well as high value art craft. With the uniqueness and the types of batik motif in price add to the beauty and artistic value of a batik cloth. Batik motifs that tend to contrast combined with classical motifs of plain color. For small patterned batik can be combined with other patterned materials such as polka or small ornaments. A bold blend of two different motives is the characteristic style of bold teens creating batik in price.

But with the era that is now growing, batik motif it self experienced many developments. Surely the utilization of various patterns of forms which are found can add to the uniqueness of the batik it self. As one example utilizing the existing biodiversity in Indonesia such as sea life particularly in coral reefs. With so many types of coral reefs can certainly add to the diversity, uniqueness and variation of batik motives.

In this final project, has developed a pattern of the form *Arcopora Robusta* type of coral into batik motifs that aided the process by modeling method of L-System. And the result of the development of these motifs have been implemented into an image format.jpg (JPEG) in a web browser.

Keywords: Batik, coral, web, L-System, *Arcopora Robusta*, web browser, JPEG.