

ABSTRACT

Batik is one of the cultures of Indonesia that must be preserved so as not taken over by other countries. One way to keep the batik is to develop some motifs for the batik itself. There are many patterns that can be applied as batik motifs, because Indonesia has a diversity of cultures.

There are various types of corals in Indonesia and each coral has its own distinctive shape and color. With the unique shape and color of the coral it can't be rejected that the coral is a thing that can be one of the motives of batik currently

In this final project is made an application development of web-based batik motif. by using l-system method in this application, it will make it easier some new batik motif. The purpose of this final task is to develop the module of coral reef generation acropora subglabra on the application of web-based batik motif.

The result of this final project is creating a batik design with acropora subglabra coral as the main motif. Some tests have been done so that it can be concluded that this final project has been completed as the authors expect. With the completion of this design, it has created a batik design that has a coral shape as its motive.

Keywords: *L-system, Web-Based, Batik, Coral, WEB Application, Acropora Subglabra*