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**Thesis Submitted in Fulfilment of the Requirement for
Bachelor of Science (Hons.) Computational Mathematics in
the Faculty of Computer and Mathematical Sciences
Universiti Teknologi MARA**

July 2021

DECLARATION BY THE SUPERVISOR

This is to confirm that:

The research conducted and the writing of this thesis was under my supervision.

The fertility rate become important issues and major factor to Malaysia rate. Fertility measured by total fertility rate (TFR) declined dramatically for over the last three decades in Malaysia. The fertility rate in Malaysia is expected to continue declining. This study was conducted to examine the fertility rate in Malaysia. The data was obtained from Department of Statistics Malaysia, Official Portal. For this project, two method was used to estimate the data on fertility rate in Malaysia. The Least Square method and Newton method are the methods that is used in this project. By using these methods, the data of fertility rate will estimate, and the errors of each method will be compared. When the error value is lower, the accuracy becomes high. So, a method with the least error, can be concluded as the high accuracy. Based on this study, it was found that Cubic Least Square method is the best method used.

ACKNOWLEDGEMENT

First and foremost, I am very grateful to Allah S.W.T for giving me the strength and opportunity to complete this project successfully. I sincerely praise Him for His blessings for all the efforts bestowed upon me in completing this research. I would like to express my gratitude to Dr Norhaslinda binti Zull Pakkal, my coordinator and a lecturer of the Mathematics Project (MSP660), for her dedicated commitment and enlightenment in writing this report. Thanks are also extended to my supervisor, Puan Nursyazni binti Mohamad Sukri who always guided me and gave me suggestions and advice in the process of completing this project. Their willingness to help and motivate me made a huge contribution to this project. Besides that, my parents who are always supportive during the process of preparing my final year report. I would like to give them a high appreciation for their motivation, kindness and support that motivated me to continue working hard. Finally, I would like to thank my friends, and everyone who has inspired and encouraged me directly and indirectly.

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