

## APPENDIX A (ONLINE VERSION) ANNOTATED BIBLIOGRAPHY

### A.1 This Textbook:

<b>Title</b>	Structuring Data and Building Algorithms		
<b>Edition</b>	1 <sup>st</sup>		
<b>Author</b>	I. Chai and J. D. White		
<b>Publisher</b>	McGraw-Hill	<b>ISBN</b>	
<b>Comments</b>	The extensive use of ANSI-C makes this book an extremely practical text and reference book. Not only are the underlying concepts clarified by the extensive use of Variable pointer diagrams, the code-first approach shows you how to actually implement the concepts. A special Malaysian edition has been created that is sold much cheaper than imported textbooks.		

### A.2 Basic Reference Books:

<b>Title</b>	C Programming for Engineering and Science, 1 <sup>st</sup> Edition		
<b>Author</b>	H. H. Tan and T. B. D'Orazio		
<b>Publisher</b>	McGraw-Hill	<b>ISBN</b>	007016911-8
<b>Comments</b>	Provides a good introduction to basic ANSI-C programming. Recommended for students with a weak programming background. The method of instruction is similar to that employed in the textbook.		

<b>Title</b>	The Practice of Programming		
<b>Author</b>	Brian W. Kernighan and Rob Pike		
<b>Publisher</b>	Addison Wesley	<b>ISBN</b>	0-201-61586-X
<b>Comments</b>	A good discussion on style. Includes topics such as how to comment your programs, how to debug your code and how to write code so as to limit the possibilities of errors entering into your code – key programming concepts which are generally not taught in computing courses.		

<b>Title</b>	The C Programming Language, 2 <sup>nd</sup> Edition		
<b>Author</b>	Brian W. Kernighan and D M. Ritchie		
<b>Publisher</b>	Prentice Hall	<b>ISBN</b>	0-13-110362-8
<b>Comments</b>	The must have reference book! Once you are fluent in ANSI-C, you will find yourself referring again and again to this text to answer the questions: “What does this command do and how does it do it?” and “What common mistakes are made in using this command?”		