

SUVA SANGAM COLLEGE

YEAR 12

COMPUTER

WORKSHEET 7

Strand 1	COMPUTERS AND APPLICATION
Sub-Strand	Visual Basic.NET Programming (VB.NET)
Content Learning Outcome	Discuss features Visual Basic Programming, declarations and user interface Define logical structures and pseudocode
Reference from Text	Pg 103-108

Questions

No.	CONCEPT IN BRIEF: Discuss features Visual Basic Programming and declarations										
1.	<p>a) Visual Basic is event driven. What does this mean?</p> <p>b) A teacher is writing a program and asked you to help in declaring a variable TOTAL to hold the student's total mark. Use Dim to write a one line code to declare the variable.</p> <p>c) The first step to writing a good Visual Basic program is to have a good design of the user interface. Describe the tasks carried out in this step.</p>										
2.	<p>CONCEPT IN BRIEF: Discuss the features of user interface</p> <p>Design a user interface that has following</p> <p>a) textboxes (txtNum1, txtNum2) to accept 2numbers</p> <p>b) a display label (lblProduct) to display the product</p> <p>c) a button (btnProduct) to calculate the product</p> <p>d) exit button</p> <p>a) A convention has been established for naming Visual Basic objects. This convention is to use a three letter prefix (depending on the object) followed by a name you assign. List the prefix of the following corresponding objects.</p> <table border="1" style="width: 100%;"><thead><tr><th>Object</th><th>Prefix</th></tr></thead><tbody><tr><td>Form</td><td></td></tr><tr><td>Button</td><td></td></tr><tr><td>Label</td><td></td></tr><tr><td>Text</td><td></td></tr></tbody></table> <p>b) Write a pseudo code to calculate the area of a circle</p> <p>c) There are three logical structures used in programming to write structured programs. Name any two of them</p>	Object	Prefix	Form		Button		Label		Text	
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