

SUVA SANGAM COLLEGE

YEAR 12

COMPUTER

WORKSHEET 8

Strand 1	COMPUTERS AND APPLICATION
Sub-Strand	Visual Basic.NET Programming (VB.NET)
Content Learning Outcome	Discuss features Visual Basic Programming, flowcharts ,variables and interface
Reference from Text	Pg 103-108

Questions

No.	CONCEPT IN BRIEF: Discuss features Visual Basic flowcharts and variables
1.	<p>a) Draw the flow chart of the following program where user has to enter the number of electricity units used, E. Calculate the basic amount due, A, which is equal to $E \times 0.21$. If the number of electricity units used is greater than 500, add a surcharge of 50 dollars to the bill. Display the amount of the bill.</p> <p>b)</p> <p>Identify two syntax error and one logic error in the following VB code.</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"><pre>Dim intspeed as integer speed = integer.pass(txtspeed.text) If intspeed >= 100 then lbldisplay.text = "Slow, increase your speed" Else lbldisplay.text = "Fast, slow it down"</pre></div> <p>c) Differentiate between global and private variables. .</p>
2.	<p>CONCEPT IN BRIEF: Discuss the features of user codes</p> <p>What is the result of the following codes?</p> <ul style="list-style-type: none">i. optRed.Checked = Trueii. lblMessage.ForeColor = Color. Greeniii. txtDiscount.Text = DiscountDecimal.ToString("C")iv. txtspeed.focus()
	<p>CONCEPT IN BRIEF: Discuss the features of user interface</p>
3	<p>Ayman Computers supplies computers to secondary schools around Fiji. Due to the high demand of their products, the owner has asked you to develop a program that would automatically calculate the total cost of computers bought by their customers. The company charges \$825.50 for the cost of the first 20 computers ordered and \$720 for each additional unit.</p> <ul style="list-style-type: none">a) Draw an interface that will request for the customer's name and number of computers bought, calculate total cost of sales and display the customer's name, number of computers bought and total costb) Also add clear and exit button.