	COURSE NAME	WEB APPLICATION DEVELOPMENT			MARKS:
Universiti Malaysia PAHANG	COURSE CODE	BCS 2203			/100
	ASSESSMENT	ASSIGNMENT (5%)	DUE DATE	3 OCT 16	
	LECTURER				
	STUDENT'S INFORMATION				
NAME					
MATRIC ID			SECTION		

	ITEMS	MARKS
	Declaration	
	1. Apply appropriate type(s) of variables related to the given problem (Integer, Double etc)	/5
	Web Controls	
	2. Apply appropriate regular web controls related to the given problem (TextBox, RadioButton,CheckBox etc)	/10
	4. Apply suitable ID for the web controls	/4
	Process, Control Statement and Arithmetic	
	5. Apply appropriate type of control statements (if elseif)	/8
CO1/C4/5%	6. Apply appropriate arithmetic statements (calculation)	/6
	7. Follow logical sequence in input data	/5
Capability to analyze the given problem	**Function**	
	8. Apply suitable Function	/5
	9. Call Function	/2
	Presentation of final output	
	10. All required items are displayed	/21
	11. Sequence of output represent the input	/5
	12. CSS	/4
	13. Use table to arrange the web controls	/3
	14. Use appropriate Image	/2
	15. Overall output	/5
	16. Accurate calculation for Loan Amount	/5
	17. Accurate calculation for Monthly Instalment	/5
	18. Error free program	/5
	Total	

Instructions:

- Accomplish the questions individually.
- Full mark for this assignment is 100 marks.
- The program must be running properly.
- Any plagiarism will be given 0 mark.
- Submission:

	SOFTCOPY	HARDCOPY
FILES	- ASSIGNMENT.aspx - ASSIGNMENT.aspx.cs - Screen shot of your output (before and after 'button clicked')	
FILENAME	StudentID.zip	-
DATELINE	3 OCTOBER 2016, BEFORE 3PM	
SUBMISSION	KALAM	MY OFFICE, FIRST FLOOR, CABIN BUILDING
COVER PAGE	-	Use the provided cover page.

***Please save you codes in pen drive or other storages as backup copy*

Question:

Based on Table 1, develop a Car Loan Calculator (CLC) web page which will calculate the monthly instalment that must be paid by the customer based on the stated criteria. Users are free to set the down payment, and later the application will calculate the amount of monthly instalment based on the car price, interest rate and chosen duration. In order to calculate the monthly instalment, you are required to create a **function**. The formula are as shown in (1) and (2):

$$\text{Loan Amount} = \text{Car Price} - \text{Down Payment} \qquad (1)$$

$$\text{Monthly Instalment} = ((\text{Interest}/100 * \text{Loan Amount}) + \text{Loan Amount}) / \text{Number of Months} \quad (2)$$

Display **ALL** the entered input by the users including the **loan amount** and **amount of monthly installment**. You are also required to ask input from user about their satisfaction on the application. Appropriate CSS are needed in order to produce interesting web page. Example of the output as shown in Figure 2.

***For DropDownList, CheckBox/CheckBoxList and RadioButton/RadioButtonList, you are allowed to use them only for one item.

Table 1: Toyota Cars

| | MODEL | ON THE ROAD (RM) | DOWN PAYMENT (RM) | INTEREST (%) | MONTHLY INSTALMENT | | |
					5 YEARS	7 YEARS	9 YEARS
	VIOS J (MT)	74, 700.00		4	RM XX	RM XX	RM XX
	ALTIS 1.8 E	113, 000.00	Based on input from users	4	RM XX	RM XX	RM XX
	CAMRY 2.0 E	149, 900.00		4	RM XX	RM XX	RM XX
	HILUX SC (MT)	76, 300.00		4	RM XX	RM XX	RM XX

MODEL	:	CAMRY
DOWN PAYMENT	:	RM 10000
INTEREST (%)	:	4
MONTHLY INSTALMENT (YEARS)	:	9 YEARS
LOAN AMOUNT	:	RM 139900
MONTHLY INSTALMENT	:	RM 1347.19
WHAT DO YOU THINK OF THIS APPLICATION	:	HELPFUL, QUITE GOOD

Figure 2: Example of the output

End of question