**Module car\_loan()**

Set cont\_exit = ‘0’

REPEAT

count = 0, intrst\_sum = 0

Display “ \*\*\*Car loan Calculator\*\*\*”

Prompt and Get price, downpay, loan\_period, rate, year, month

price = Call module dchecker(100000000,10000,0,1)

downpay = Call module dchecker(price – 1,0,1,1)

loan\_period = Call module ichecker(9,3,0,3)

rate = Call module fchecker(10,1,0,2)

year = Call module ichecker(2200,1918,0,1)

month = Call module ichecker(12,1,0,1)

payment = (price - downpay)\* (1 + (rate/100)\*loan\_period) / (loan\_period\*12)

Display payment

Display “Monthly Installment Schedule”

balance = payment \* (loan\_period \*12), principal= price

Display “Payable Interest Balance”

Display “No. Date Due(RM) Accrued(RM) Sum(RM) Principal(RM) Due(RM)”

DOWHILE count != loan\_period \*12

count++

balance -= payment

interest = ((price - downpay)\*(rate/100) \* loan\_period) / (loan\_period\*12)

intrst\_sum += interest

principal = payment – interest

IF month > 12 THEN

year ++

month = 1

ENDIF

IF balance < 0 THEN

balance = 0

ENDIF

Call module month\_function(month)

Display count, \*\_cmonth, year, payment, interest, intrst\_sum, principal, balance

month++

ENDDO

REPEAT

Display “Choose any one option to continue? (0 – Calculate again; 1 – Return to main menu; 2 – Exit to program): ”

Prompt and get cont\_exit

IF Call module flush() == 1 THEN

Set cont\_exit = ‘3’

ENDIF

IF cont\_exit == ‘1’ THEN

system(“cls”)

ELSE

IF cont\_exit == ‘0’ THEN

system(“cls”)

ELSE

IF cont\_exit == ’2’ THEN

Exit(0)

ELSE

Display “Invalid option, please try again.”

ENDIF

ENDIF

ENDIF

UNTIL cont\_exit != 0 AND cont\_exit != 1

UNTIL cont\_exit == 0

END