Pseudo-code

START

DECLARING

double carPrice=0,downPayment=0,interestRate=0,total\_interest,monthly\_repayment,principal,interest,balance;

int loanPeriod=0,years=1;

input carPrice

output enter carPrice (RM)

loop enter the carPrice when the carPriceless than RM30000

input downPayment

output enter downPayment(RM)

loop enter downPayment when the less than = to zero

input loan period

output enter loan period(Years)

loop enter when the loan period less than five or bigger than nine

input interest rate

output enter the interest rate(%)

loop enter the interest when the interest rate smaller than 0.03 or bigger than 0.07

determine the total interest= (carPrice – downPayment) x interest rate x loan period

determine the monthlyRepayment=( carPrice-downPayment + total interest) ÷ ( loan period x 12)

output monthlyRepayment

loop resolve on loan period

determine principal = monthlyRepayment x 12 x years

determine interest = total interest ÷ loan period x years

determine balance = monthlyRepayment x 12 x (loan period – years)

output years, principal, interest, balance,

determine years ++

ended