1. //RICKY HOWE
2. // SDEV 120
3. //4-7-2020
4. //Car Payment Calculator
5. Main Module
6. DECLARE Payment , LoanAmt , InterestRate , MonthlyRate as float
7. DECLARE NumberMonths as integer
8. WRITE “Please enter the amount of your loan.”
9. Call Input Module
10. Call Process Module
11. Call Output Module
12. End Main Module
13. Input Module
14. INPUT LoanAmt
15. WRITE “Please enter the amount of interest charged as a percent (not a”
16. WRITE “ decimal).”
17. INPUT InterestRate
18. WRITE “How many payments will you make?”
19. INPUT NumberMonths
20. End Input Module
21. Process Module
22. SET MonthlyRate = InterestRate / 1200
23. SET Payment = LoanAmt \* MonthlyRate \* (1 + MonthlyRate)^NumberMonths / ((1 + MonthlyRate)^NumberMonths – 1)
24. End Process Module
25. Output Module
26. WRITE “Your monthly payment, based on the information provided, will”
27. WRITE “be “ + Payment + “.”
28. End Output Module