Problem 1

1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-22-23-24-25-26-27-28

1 int main()

2 {

3 double loanAmount, RATE, payment, balance, interest, principal;

4 cout << "Loan Amount: ";

5 cin >> loanAmount;

6 cout << "Interest Rate (% per year): ";

7 cin >> RATE;

8 cout << "Monthly Payments: ";

9 cin >> payment;

10 balance = loanAmount;

11 int month = 1;

12 while( balance \* (1+RATE) > payment )

13 {

14 interest = balance \* (RATE/12/100);

15 if(balance > payment){

16 principal = payment - interest;

17 balance = balance - principal;

18 }

19 else{

22 balance = 0;

23 }

24 ++month;

25 }

26 cout<<"It takes " << month << " months to pay off the loan.\n"

27 return 0;

28 }

Problem 2

1-6-7-8-9-19-20-21-26-30-31

1.int exam() {

6.Count = 0;

7.TotalMarks = 0;

8.while (!eof()) {

9.scanf("%d", Mark);

19.Count = Count + 1;

20.TotalMarks = TotalMarks + Mark;

21.}

26.average = TotalMarks / Count;

30.return 0;

31.}