

Pseudocode for Mortgage Calculator

```
//input yearly interest rate using SavitchIn
//input number of years of the loan using SavitchIn
//input initial balance of the loan using SavitchIn

//compute monthly interest rate
//compute monthly payment using formula provided
totalInterestPaid = 0.0;    //total interest paid on the loan

for (i = 1; i <= numYears; i++) {    //numYears is the length
    //of loan in years
    yearlyInterestPaid = 0.0;    //interest paid for that year
    for (j = 1; j <= 12; j++) {
        //update yearlyInterestPaid
        //compute updated balance
    }
    totalInterestPaid = totalInterestPaid + yearlyInterestPaid;
    //print out data for line #i of amortization table
}
//print out totalInterestPaid
//print out the monthly payment
```