Week 1:- Financial Forecasting

package financialforecasting;

public class FinancialForecast {

public static double futureAmount(double amt, double rate, int year) {

if (year == 0) {

return amt;

} else {

return *futureAmount*(amt, rate, year - 1) \* (1 + rate / 100);

}

}

}

package financialforecasting;

import java.util.\*;

public class Main {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

System.out.println("Enter the Amount : ");

Double amt = sc.nextDouble();

System.out.println("Enter the growth rate : ");

Double rate = sc.nextDouble();

System.out.println("Enter the total number of years : ");

int year = sc.nextInt();

double totalAmount = FinancialForecast.*futureAmount*(amt, rate, year);

System.out.printf("The Future Amount is : %.2f", totalAmount);

}

}

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module FinancialForecasting {

}

**OUTPUT:**

