Include your IPO Chart with your code in Eclipse IDE: We will discuss and demonstrate this in the computer lab.

IPO CHART

Program name:	Monthly Car Payment (CarPayment)	
INPUT	**PROCESS**	**OUTPUT**
Hint: What will the user input?	Hint: What is the program going to do with the input information?	Hint: What will the screen display after user input?
The user enters Principal owing *(double)*, annual interest rate *(double)*, and number of monthly payments *(int)* Eg. Enter the principal owing: 90000 Enter the annual interest rate as a percentage (e.g., 6.99 for 6.99%): 4.99 Enter the number of monthly payments: 48	The program reads the principal (*double*, e.g., 90000), annualRate (*double*, e.g., 4.99), and months (*integer*, e.g., 48) using a Scanner. It calculates the monthlyInterestRate (*double*) as annualRate / 100.0 / 12.0 (e.g., 0.00415833). It computes the numerator (*double*) as principal * monthlyInterestRate (e.g., 374.25) and the denominator (*double*) as 1 - Math.pow(1 + monthlyInterestRate, -months) (e.g., 0.1806). Finally, it calculates monthlyPayment (*double*) as numerator / denominator, resulting in approximately 2072.23.	The program outputs the monthly payment and the numbers the user input before. Eg. ------------------------(*String*) Principal: 90000 (*int*) Interest Rate: 4.99 (*double*) Number of monthly payments: 48 (*int*) The monthly payment is: $2072.23 (*double*) ------------------------(*String*)