

### SAMPLE COMPUTER ASSIGNMENT

**PROBLEM:** You have decided to buy a Lexus for a purchase price of \$53,000. You are required to pay 5 % down at the time of purchase. You will finance the balance at a nominal annual rate of 6.5 % per year to be repaid in equal monthly installments over a period of 3 years.

- Using EXCEL, prepare an amortization schedule for the 36 month payoff period in the format shown below. Make sure that all cells with \$ values are formatted accordingly and the values are to the nearest dollar. Use appropriate functions and formulas. Save this as Sheet 1 in your file.

Your Name					
IME 310		Fall 2000			
Computer Assignment # 1					
Purchase Price:		\$			
Percent Down:		%			
Nominal Interest Rate:		%			
Period Number	Date Due	Monthly Payment	Interest Pmt.	Principal Pmt.	Loan Balance
0	10/1/00				
1	11/1/00				
2	12/1/00				
3	1/1/01				
...	...				
...	...				
34	...				
35	...				
36	...				

- Use any other values (other than those given) for the purchase price, percent down, and nominal interest rate and develop an amortization schedule in the same format. Save this as Sheet 2 in your file.
- For each amortization schedule, draw a stacked column graph (showing the months along the x-axis and interest and principal payments stacked on top of one another along the y-axis. Label the graph completely. Save these as Chart 1 and Chart 2 in your file.

**Submit your file (having file name as Last name First Name IME 310 CA1) containing the two spread sheets and the two graphs. To do this, send an email to bafna2@wmich.edu and attach your file to it. Be sure to also send a copy of the email with attachment to yourself.**