1) calculation of monthly payment:-						
loan amount			1,50,000/-			
rate of interest			8%			
duration			3 years			
monthly payment:-		**4,18,554.22**				
2) calculation of 12th month Principal portion of loan :-						
loan amount			1,50,000/-			
rate of interest			8%			
duration			3years			
12th principal portion of loan :-		**3,981.05**				
3) calculation of 6th month interest portion of loan :-						
loan amount			1,50,000/-			
rate of interest			8%			
duration			3years			
6th month interest portion:-		**719.4**				
4) calculation of EMI:-						
loan amount			2,00,000/-			
rate of interest			10%			
duration			5years			
every month installation :-		**-**				
5) calculation of CAGR- compound annual growth rate :-						
investment			10,000 - 15,000			
duration			4 years			
CAGR:-		**0.11**				
6): calculation of effective annual interest rate :-						
nominal annual interest rate			6.00%			
effective annual interest rate :-	$(1+0.06/4)^4 -1$					
	$(1+0.015)^4-1$					
	$(1.015)^4 -1$					
	1.06136 -1					
	=0.01636					
So, the effective annual interest rate is 6.14%						
7) calculation of nominal annual interest rate :-						
effective annual interest rate			9.50%			
nominal rate =	$(1+0.095/12)^{12} -1$					
	$(1+0.0079167)^{12}-1$					
	$(1.0079167)^{12} -1$					
	1.1007-1					

	0.1009				
So, the nominal annual interest rate is approximately 9%					
8) calculation of depreciation expense of an asset:-					
initial cost		50,000/-			
salvage value		10,000/-			
life of asset		5 years			
	depreciation = cost of asset - salvage cost				
		= 50,000 - 10,000			
		= 40,000			
Depreciation expense per year = Depreciable amount / Useful life					
		40,000 / 5 years			
		straight-line depreciation expense for the asset = 8,000 /- per year			
9) calculation of monthly payment, principal portion of 36th month, interest portion for 60th month :-					
loan amount		3,00,000/-			
annual interest rate		7%			
duration		10 years			
≈monthly payment of a loan :-		**3,843.25/-**			
≈principal portion of 36th month :-					
	Principal Payment = Total Monthly Payment - Interest Payment				
		= 1762 - 1,528.66			
		= 2124.58/-			
≈ Interest portion for 60th month :-					
	INTEREST = P X T X R /100				
		= 1040.40/-			
10) Designing of financial model :-					
loan amount		1,50,000/-			
interest rate		8%			
duration		3years			
monthly payment		**4700.45/-**			
payment number		1			
principal portion		**3700.45/-**			
interest portion		**1,000/-**			