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| **Experiment 7 : Write a program to calculate total salary of an employee, given his salary. The slab is as follows HRA=30% of basic salary, DA=80% of basic slary, MA=100, TA=800, Income tax=700, Pf =780. Draw its path graph and finds its V(G) by all three methods** |
| **Solution:**  #include<stdio.h>  int main()  {  float basic\_salary, da = 0.8, hra = 0.3, ta = 800, ma = 100, it = 700, pf = 780, gross\_salary;  printf("Basic Salary: ");  scanf("%f", &basic\_salary);  gross\_salary = basic\_salary + (da \* basic\_salary) + (hra \*basic\_salary) + ta + ma - it - pf;  printf("Gross Salary: %f\n\n", gross\_salary);  return 0;  }      **Solution 2 :**  #include<stdio.h>  int main()  {  float basic\_salary, da, ta, ma = 100, it = 700, pf = 780,gross\_salary;  printf("Basic Salary: ");  scanf("%f", &basic\_salary);  if(basic\_salary <= 15000)  {  da = 0.6\*basic\_salary;  ta = 0.1\*basic\_salary;  }  else if(basic\_salary <= 20000)  {  da = 0.8\*basic\_salary;  ta = 0.2\*basic\_salary;  }  else  {  da = 0.9\*basic\_salary;  ta = 0.3\*basic\_salary;  }  gross\_salary = basic\_salary + da + ta + ma - it - pf;  printf("Gross Salary: %f\n\n", gross\_salary);  return 0;  } |