**Q.1 Write a Program to convert temperature from degrees Celsius to Fahrenheit.**

**Ans:**

**#include <stdio.h>**

**int main() {**

**int c;**

**float f;**

**printf("\nthe teperature in celcius:");**

**scanf("%d",&c);**

**f=((float)c\*9/5)+32;**

**printf("\nthe teperature in celcius:%f",f);**

**return 0;**

**}**

**o/p**

**the teperature in celcius:38**

**the teperature in celcius:100.400002**

**Q.2 Write a C Program to find gross salary by adding % of HRA, DA, and TA of user choice.**

**Ans:**

**#include <stdio.h>**

**void main(){**

**float basic\_salary,HRA,DA,TA,gross\_salary;**

**printf("enter tha basic salary:");**

**scanf("%f",&basic\_salary);**

**printf("enter tha HRA percentage:");**

**scanf("%f",&HRA);**

**printf("enter tha DA percentage:");**

**scanf("%f",&DA);**

**printf("enter tha TA percentage:");**

**scanf("%f",&TA);**

**HRA = (basic\_salary \* HRA) /100;**

**DA = (basic\_salary \* DA) /100;**

**TA =(basic\_salary \* TA) /100;**

**gross\_salary = basic\_salary + HRA+DA+TA;**

**printf("gross\_salary is: Rs, %,2f\n", gross\_salary);**

**}**

**o/p**

**enter tha basic salary:25**

**enter tha HRA percentage:50**

**enter tha DA percentage:50**

**enter tha TA percentage:450**

**gross\_salary is: Rs, %,2**

**Q.3 Write a C Program to find the third angle of a right triangle if two other angles are given.**

**Ans:**

**#include <stdio.h>**

**int main() {**

**int angle1, angle2, angle3;**

**printf("Enter tha first angle:");**

**scanf ("%d",&angle1);**

**printf("Enter tha second angel:");**

**scanf ("%d",&angle2);**

**angle3 =(180-angle1)-(angle2);**

**printf("\n%d",angle3);**

**}**

**o/p**

**Enter tha first angle:65**

**Enter tha second angel:45**

**70**