Q.1 Write a Program to convert temperature from degrees Celsius to Fahrenheit.
Use formula for °C to °F is: ° F = (°C × 9/5) + 32
The temperature in Celcius: 38

Ans:

```
// Online C compiler to run C program online
#include <stdio.h>

int main() {
   int c;

   float f;

   printf("\nThe temperature in Celcius:");
   scanf("%d",&c);
   f =((float)c*9/5)+32;
   printf("/nThe temperature in Celcius:%f",f);



   return 0;
}
```

o/p;
The temperature in Celcius:38
/nThe temperature in Celcius:100.400002

=== Code Execution Successful ===

Q.2 Write a C Program to find gross salary by adding % of HRA, DA, and TA of user choice.
For example,
Input:
Base Salary: 100
HRA=10
DA=5
TA=8

Ans:

```
// Online C compiler to run C program online
#include <stdio.h>

int main() {
   int basesalery,hra,da,ta;
```

```
   hra=10;
   da=5;
   ta=8;

   printf("\nbase salery:");
   scanf("\n%d",&basesalery);
   int grosssalery=basesalery+hra+da+ta;
   printf("%d",grosssalery);
   return 0;
}
```

o/p:
base salery:100
123

=== Code Execution Successful ===

Q.3 Write a C Program to find the third angle of a right triangle if two other angles are given.
For example,
Input:
First angle: 65
Second angle: 45

Ans:

```
// Online C compiler to run C program online
#include <stdio.h>

int main() {
   int firstangle,secondangle;
   printf("\nthe value of firstangle:");
   scanf("%d",&firstangle);
   printf("\nthe value of secondangle:");
   scanf("%d",&secondangle);
   int thirdangle=180-firstangle-secondangle;
   printf("\n%d",thirdangle);
   }
```

o/p;
the value of firstangle:65

the value of secondangle:45

=== Code Execution Successful ===