

**WRITE A PROGRAM TO CONVERT THE TEMPERATURE READING IN FARENHITE SCALE TO CELCIUS AND KELVIN SCALE WRITE THE FLOWCHART OF THE PROGRAM.**

**SOURCE CODE-**

```
#include<stdio.h>
int main()
{
    int t,c,f,k;
    printf("enter the temp");
    scanf("%d",&t);
    c=((t-32)/9)*5;
    printf("the celcius temp is:%d",c);
    f=(9t/5)+32;
    printf("the farenhite temp is:%d",f);
    k=((t-32)/9)*5+273;
    printf("the kelvin temp is:%d",k);
    return 0;
}
```

**OUTPUT-**

Enter the temp 32  
The celcius temp is: 0  
The farenhite temp is:32  
The kelvin temp is:273K

**ALGORITHM-**

Step 1:start  
Step 2:take input integer t,c,f,k  
Step 3:take user temp input  
Step 4:read t  
Step 5:calculate to convert temp with  $c=((f-32)/9)*5$  formula.  
Step 6: calculate c with this formula.  
Step 7:print c.  
Step 8: calculate f with this formula.  
Step 9: print f.  
Step 10:calculate kelvin(k) with  $k=((t-32)/9)*5+273$ .  
Step 11:print k.  
Step 12:stop.

## FLOWCHART-

