```cpp
const int sensor=A1;
float tempc;
float tempf;
float vout;
void setup()
{
pinMode(sensor,INPUT);
Serial.begin(9600);
}
void loop()
{
vout=analogRead(sensor);
vout=(vout*500)/1023;
tempc=vout;
tempf=(vout*1.8)+32;
Serial.print("in DegreeC=");
Serial.print("\t");
Serial.print(tempc);
Serial.println();
Serial.print("in Fahrenheit=");
Serial.print("\t");
Serial.print(tempf);
Serial.println();
delay(1000);
}
```