

main function starts

sample array of size 3 , type struct Log is declared and initialized. sample[0] initialized with {1111, {10.5, 25.5, 5.5}}, sample[1] with {4444, {-2.5, 7.5, - 9.5}} and sample[2] with {7777, { 30.5, 45.5, 22.5}}

k and j of type int are declared

for k=0 , 0<3 ? True enter loop  
output 0 1111 (proceeded with new line)  
tempratures:

for j=0 , 0<3 ? true enter loop  
output 10.50  
j++= j=1, 1<3? true enter loop  
output 25.5  
j++, j=2 , 2<3? true enter loop  
output 5.50  
j++, j=3 3<3? false goto line no.  
output linefeed

k++, k=1, 1<3 ? true enter loop  
output 1 4444 (proceeded with new line)  
tempratures:  
for j=0 , 0<3 ? true enter loop  
output -2.5  
j++= j=1, 1<3? true enter loop  
output 7.50  
j++, j=2 , 2<3? true enter loop  
output -9.50  
j++, j=3 3<3? false goto line no.  
output linefeed

k++, k=2, 2<3 ? true enter loop  
output 2 7777 (proceeded with new line)  
tempratures:  
for j=0 , 0<3 ? true enter loop  
output 30.50  
j++= j=1, 1<3? true enter loop  
output 45.50  
j++, j=2 , 2<3? true enter loop  
output 22.50  
j++, j=3 3<3? false goto line no.  
output linefeed

k++, k=3, 3<3? false proceed to line number  
control shifts back to console with 0