data.txt

```
1 3 5 7 9
```

```c
#include <stdio.h>
#include <stdlib.h>

int confuse1(int[], int a, int b);    // prototypes
void confuse2(int e, int f, int y[], int[]);
//*************************************************************************
int main(void)
{
    int v[] = { 1, 0, -1, 3, 4 }, u[] = { 3, 4, 0, 2, 1 }, w[5];
    int a = 3, b = -2, c = 2, d = 5, temp[2], i, n;
    FILE *in_ptr;
    in_ptr = fopen("data.txt", "r");

    printf("Before confuse1 \n a = %d \n b = %d\n", a, b);
    printf(" v = %d, %d, %d, %d, %d", v[0], v[1], v[2], v[3], v[4]);
    a = confuse1(v, b, a);
    printf("\nAfter confuse1\n a = %d \n b = %d \n", a, b);
    printf(" v = %d, %d, %d, %d, %d\n", v[0], v[1], v[2], v[3], v[4]);

    for (i = 0; i<5; i++) {
        n = u[i];
        fscanf(in_ptr, "%d", &w[n]);
        printf("w[%d] = %d\t", n, w[n]);
    }
    fclose(in_ptr);
    confuse2(c * 2, d%c, u, temp);
    printf("\nAfter confuse2,\ntemp[0] = %d, \ntemp[1] = %d\n", temp[0], temp[1]);
    system("pause");
} //end main
  //************************************
int confuse1(int x[], int a, int b)
{
    int i, t;
    printf("\nInside confuse1");
    for (i = 0; i < 5; i = i + 1)
    {
        switch (i)
        {
        case 0:
        case 2: b = x[i] + x[i + 1];
            printf("\n b = %d", b);
            break;
        case 1: t = x[i] / x[i - 1];
            printf("\n t = %d", t);
            break;
        case 3:
        case 4:
        case 5: x[i] = 2 * x[i] + a;
            printf("\n x[i] = %d", x[i]);
        }
    }
    return(b);
} //end confuse1
  //************************************
void confuse2(int e, int f, int y[], int store[])
{
    store[0] = y[e] / 3;
    store[1] = e + y[f];
} //end confuse2
```