**Even & Odd code:**

#include <stdio.h>

int main() {

int arr[100],even[100],odd[100],n,i,e=0,o=0;

printf("Enter the number of elements: ");

scanf("%d", &n);

printf("Enter %d elements:\n", n);

for(i = 0; i < n; i++) {

scanf("%d", &arr[i]);

if(arr[i]%2==0) {

even[e++] = arr[i];

} else {

odd[o++] = arr[i];

}

}

printf("\nEven numbers: ");

for(i = 0; i < e; i++) {

printf("%d ", even[i]);}

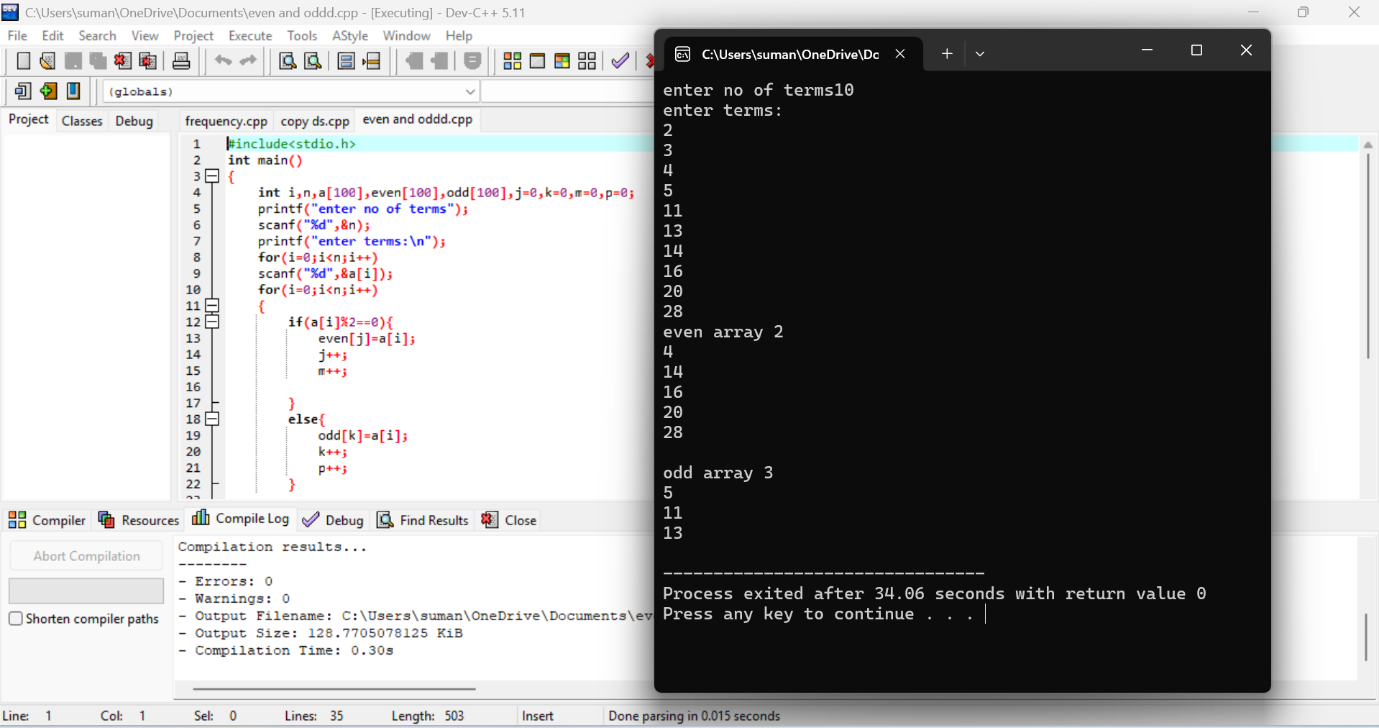
printf("\nOdd numbers: ");

for(i=0;i<o;i++)

printf("%d ", odd[i]);

}

**Input:**

****