

```

(3) #include <stdio.h>
int main () {
    int n, i = 0, pos = 0, neg = 0, odd = 0, even = 0;
    printf ("Enter the size of array: ");
    scanf ("%d", &n);
    int arr[n];
    printf ("Enter %d elements: ", n);
    for (i = 0; i < n; i++) {
        scanf ("%d", &arr[i]);
        if (arr[i] % 2 == 0) even++;
        else odd++;
    }
    printf ("Positive = %d\nNegative = %d\nOdd = %d\nEven = %d", pos, neg, odd, even);
    return 0;
}
    
```

