

counting the odd and even numbers in an array

input:

5

{1,3,2,5,4}

output:

even:2

odd:3

program:

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

```
int main()
```

```
{
```

```
//fill your code
```

```
int n;
```

```
scanf("%d",&n);
```

```
int arr[n];
```

```
for(int i = 0; i < n; i++)
```

```
{
```

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

```
}
```

```
int count_odd =0, count_even = 0;
```

```
for(int i = 0; i < n; i++)
```

```
{
```

```
if(arr[i] % 2 == 1)
```

```
count_odd++;
```

```
else
```

```
count_even++;
```

```
}
```

```
printf("Odd: %d",count_odd);
```

```
printf("\nEven: %d",count_even);
```

```
return 0;
```

```
}
```