

2.Odd or even number of a given set of numbers

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

```
int main()
```

```
{
```

```
    int array[100],i,num;
```

```
    printf("enter the size of the array");
```

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

```
    printf("enter the elements of the array");
```

```
    for(i=0;i<num;i++)
```

```
    {
```

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

```
    }
```

```
    printf("even number in the array are:\t");
```

```
    for(i=0;i<num;i++)
```

```
    {
```

```
        if(array[i]%2==0)
```

```
        {
```

```
            printf("%d\t",array[i]);
```

```
        }
```

```
    }
```

```
    printf("odd number in the array are:\t");
```

```
    for(i=0;i<num;i++)
```

```
    {
```

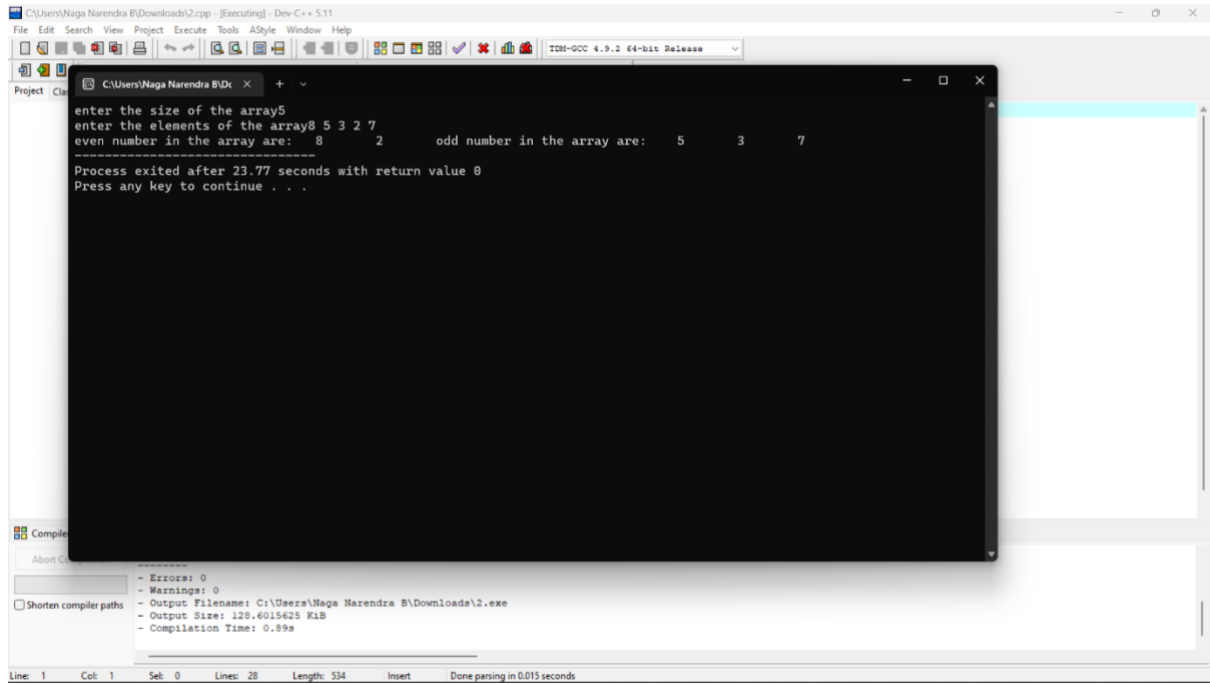
```
        if(array[i]%2!=0)
```

```
        {
```

```
            printf("%d\t",array[i]);
```

```
}  
}  
}
```

Output :-



```
C:\Users\Naga Narendra B\Downloads\2.cpp - [Executing] - Dev-C++ 5.11  
File Edit Search View Project Execute Tools AStyle Window Help  
TDM-GCC 4.9.2 64-bit Release  
Project C:\Users\Naga Narendra B\Downloads\2.cpp  
enter the size of the array5  
enter the elements of the array8 5 3 2 7  
even number in the array are: 8 2 odd number in the array are: 5 3 7  
-----  
Process exited after 23.77 seconds with return value 0  
Press any key to continue . . .  
-----  
- Errors: 0  
- Warnings: 0  
- Output Filename: C:\Users\Naga Narendra B\Downloads\2.exe  
- Output Size: 128.6015625 KiB  
- Compilation Time: 0.89s  
Line: 1 Col: 1 Sel: 0 Lines: 28 Length: 534 Insert Done parsing in 0.015 seconds
```