EXPERIMENT 6:

FINDING ODD & EVEN IN ARRAY

CODE:

```c
#include <stdio.h>
int main() {
    int a[50];
    int i, n, even = 0, odd = 0;
    printf("Enter the number of elements: ");
    scanf("%d", &n);
    printf("Enter the elements:\n");
    for(i = 0; i < n; i++) {
        scanf("%d", &a[i]);
    }
    printf("Even numbers:\n");
    for(i = 0; i < n; i++) {
        if(a[i] % 2 == 0) {
            printf("%d\n", a[i]);
        }
    }
    printf("Odd numbers:\n");
    for(i = 0; i < n; i++) {
        if(a[i] % 2 != 0) {
            printf("%d\n", a[i]);
        }
    }
    return 0;
}
```