```c
#include<stdio.h>
int main(){
    int num, a;
    printf("Enter a num : ");
    scanf("%d", &num);

    a = num%2;

    switch(a){
        case 1:
            printf("%d is odd number", num);
            break;

        case 0:
            printf("%d is even number", num);
            break;
    }

    return 0;
}
```