```
1
2
     #include<stdio.h>
     int main()
 3
          int n;
         printf("enter an integer:");
scanf("%d",&n);
if(n&1==0)
 5
 6
7
 8
             printf("%d is an even number",n);
 9
10
        else
11
12
13
             printf("%d is an odd number",n);
14
15
         return 0;
16
17
```