

Q8.) WAP that finds whether a given number is even or odd.

step - 1

a = 13

a%2 == 0

step - 2

int a = 13

a%2 == 0

```
1 //step 3
2
3 #include <stdio.h>
4
5 int main()
6 {
7     int a = 13;
8
9     if (a%2 == 0) {
10         printf("the no is even\n");
11     } else {
12         printf("the no is odd\n");
13     }
14     return 0;
15 }
16
```

```
1 //step 4
2
3 #include <stdio.h>
4
5 int main()
6 {
7     int given_number = 13;
8
9     if (given_number % 2 == 0)
10    {
11        printf("the no is even\n");
12    }
13    else
14    {
15        printf("the no is odd\n");
16    }
17
18    return 0;
19 }
20
```

```
1 //step 5
2
3 #include <stdio.h>
4
5 int main()
6 {
7     int given_number;
8
9     printf("enter a number\n");
10    scanf("%d", &given_number);
11
12    if (given_number % 2 == 0)
13    {
14        printf("the no is even\n");
15    }
16    else
17    {
18        printf("the no is odd\n");
19    }
20
21    return 0;
22 }
23
```