

Demonstrate your programming knowledge by completing a program investigation.

Use tracing to determine the output based on each input. Then, complete the tables below.

Program 1

```
1. print("Guess a number between 1 and 10:")
2. number = int(input())
3. if number == 7:
4.     print("You got it!")
5. elif number < 7:
6.     print("Higher")
7. else:
8.     print("Lower")
```

Input	Output
7	
9	
3	

Program 2

Complete the table to state what will be the output based on the input:

```
1. print("Enter a number: ")
2. odd_even = int(input())
3. odd_even = odd_even % 2
4. if odd_even == 1:
5.     print("Your number is odd")
6. elif odd_even == 0:
7.     print("Your number is even")
```

Input	Output
67	
24	
93	