What will be the output?

Introduction

For each of these example programs, decide what will be displayed (output) based on the values that are inputted.

Task 1 - `if`

Program 1

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

```
1    print("Enter name:")

2    name = input()

3    if name == "Harry":

4        print("Are you a Prince?")
```

Input	Output

Harry	
Shariff	
Evelyn	

Program 2

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

```python
1   print("Enter age:")
2   age = int(input())
3   if age > 25:
4       print("Wow that is old!")
```

Input	Output
25	
27	

12	

Task 2 - `if-else`

Program 1

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

```
1    print("Enter birth month (e.g. September):")

2    month = input()

3    if month == "June":

4         print("That is my favourite month")

5    else:

6         print("My birth month is June")
```

Input	Output

July	
June	
August	

Program 2

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

```
1    print("Guess a number between 1 and 10:")

2    number = int(input())

3    if number == 7:

4         print("You got it!")

5    else:

6         print("Incorrect")
```

Input	Output
6	
10	
7	

Task 3 - if-elif-else

Program 1

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

```
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	

Explorer task

Check your answers by entering the code