

# Python Practical Questions with Answers

1. Write a Python program to check if a number is even or odd.

```
number = int(input("Enter a number: "))
if number % 2 == 0:
    print("Even")
else:
    print("Odd")
```

2. Write a Python program to find the factorial of a number using a loop.

```
num = int(input("Enter a number: "))
factorial = 1
for i in range(1, num + 1):
    factorial *= i
print("Factorial:", factorial)
```

3. Write a Python program to find the largest number in a list.

```
numbers = [10, 45, 2, 99, 65]
largest = numbers[0]
for num in numbers:
    if num > largest:
        largest = num
print("Largest number is:", largest)
```

4. Write a Python function to check if a string is a palindrome.

```
def is_palindrome(s):
    return s == s[::-1]

word = input("Enter a word: ")
if is_palindrome(word):
    print("Palindrome")
else:
    print("Not a palindrome")
```

5. Write a Python program to display the Fibonacci sequence up to n terms.

```
n = int(input("Enter number of terms: "))
a, b = 0, 1
for _ in range(n):
    print(a, end=' ')
    a, b = b, a + b
```