EXPERIMENT 18

TO PRIME NUMBER OR NOT

PROGRAM:

```python
1  num = int(input("Enter a number: "))
2  if num <= 1:
3      print(num, "is not a prime number")
4  else:
5      for i in range(2, int(num ** 0.5) + 1):
6          if num % i == 0:
7              print(num, "is not a prime number")
8              break
9      else:
10         print(num, "is a prime number")
11
```

OUTPUT:

```
Enter a number: 6
6 is not a prime number

=== Code Execution Successful ===
```