

```
main.py
1- def is_prime(n):
2-     if n == 1:
3-         return False
4-     if n == 2:
5-         return True
6-     for i in range(2, int(n**0.5) + 1):
7-         if n % i == 0:
8-             return False
9-     return True
10- n=int(input("Enter the number "))
11- print(is_prime(n))

input
Enter the number4
False

...Program finished with exit code 0
Press ENTER to exit console.
```

```
main.py
1- def list_operations():
2-     list1 = []
3-     choice = int(input("Enter 1 to add a number to the list, 2 to remove a number from the list, or 3 to insert a value in the list: "))
4-     if choice == 1:
5-         number = int(input("Enter a number: "))
6-         list1.append(number)
7-     elif choice == 2:
8-         index = int(input("Enter the index position of the number to be removed: "))
9-         list1.pop(index)
10-    elif choice == 3:
11-        index = int(input("Enter the index position of the value to be inserted: "))
12-        value = int(input("Enter the value to be inserted: "))
13-        list1.insert(index, value)
14-        print(list1)
15-    print(list_operations())

input
Enter 1 to add a number to the list, 2 to remove a number from the list, or 3 to insert a value in the list: 1
Enter a number: 6
[6]
None

...Program finished with exit code 0
Press ENTER to exit console.
```