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Self Made Assignment - Python

Pass By Value and Reference in Python

Ques: 1 Write a program to show that a number does not outside the function change.

Instruction (step by step)

- Create a function named change number.
- Pass one number to the function.
- Inside the function, add 10 to the number.
- Print the value of the number inside the function.
- Declare a number outside the function.
- Call the function and pass that number.
- Print the value of the number outside the function.
- Observe that the number outside the function does not change.

Output

```
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Inside function: 15  
Outside function: 5
```

Ques: 2 Write a program to add a new item to a list inside a function and see the effect outside the function.

Instruction (step by step)

- Create a list
- Pass the list to a function
- Modify the list inside the function

Output

```
Try programiz.pro  
Before function call: [1, 2, 3]  
Inside function: [1, 2, 3, 4]  
After function call: [1, 2, 3, 4]
```