```
To Do List in python.py - C:/Users/gsuji/AppData/Local/Programs/Python/Python312-32/To Do List in python.py
File  Edit  Format  Run  Options  Window  Help
        print(f"Task '{task}' not found.")

def view_tasks():
    if tasks:
        print("Tasks:")
        for index, task in enumerate(tasks, start=1):
            print(f"{index}. {task}")
    else:
        print("No tasks in the list.")

def update_task(old_task, new_task):
    if old_task in tasks:
        index = tasks.index(old_task)
        tasks[index] = new_task
        print(f"Task '{old_task}' updated to '{new_task}'.")
    else:
        print(f"Task '{old_task}' not found.")

while True:
    print("\n===== To-Do List =====")
    print("1. Add Task")
    print("2. Remove Task")
    print("3. View Tasks")
    print("4. Update Task")
    print("5. Exit")

    choice = input("Enter choice (1-5): ")

    if choice == '1':
        task = input("Enter task: ")
        add_task(task)
    elif choice == '2':
        task = input("Enter task to remove: ")
        remove_task(task)
    elif choice == '3':
        view_tasks()
    elif choice == '4':
        old_task = input("Enter task to update: ")
        new_task = input("Enter new task: ")
        update_task(old_task, new_task)
    elif choice == '5':
        print("Exiting program.")
        break
    else:
        print("Invalid choice. Please enter a number between 1 and 5.")
```

```
File  Edit  Shell  Debug  Options  Window  Help
Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:/Users/gsuji/AppData/Local/Programs/Python/Python312-32/To Do List
in python.py

===== To-Do List =====
1. Add Task
2. Remove Task
3. View Tasks
4. Update Task
5. Exit
Enter choice (1-5): 4
Enter task to update: 1
Enter new task: 3
Task '1' not found.

===== To-Do List =====
1. Add Task
2. Remove Task
3. View Tasks
4. Update Task
5. Exit
Enter choice (1-5): 1
Enter task: 3
Task '3' added.

===== To-Do List =====
1. Add Task
2. Remove Task
3. View Tasks
4. Update Task
5. Exit
Enter choice (1-5): 3
Tasks:
1. 3

===== To-Do List =====
1. Add Task
2. Remove Task
3. View Tasks
4. Update Task
5. Exit
Enter choice (1-5): 5
Exiting program.
>>>
```

calculator.py - C:/Users/gsuji/AppData/Local/Programs/Python/Python312-32/calculator.py (3.12.0)

File Edit Format Run Options Window Help

```
def add(x, y):
    return x + y

def subtract(x, y):
    return x - y

def multiply(x, y):
    return x * y

def divide(x, y):
    if y != 0:
        return x / y
    else:
        return "Cannot divide by zero"

# Get user input
num1 = float(input("Enter first number: "))
operator = input("Enter operator (+, -, *, /): ")
num2 = float(input("Enter second number: "))

# Perform calculation based on the operator
if operator == "+":
    result = add(num1, num2)
elif operator == "-":
    result = subtract(num1, num2)
elif operator == "*":
    result = multiply(num1, num2)
elif operator == "/":
    result = divide(num1, num2)
else:
    result = "Invalid operator"

# Display the result
print(f"Result: {result}")
```

IDLE Shell 3.12.0

File Edit Shell Debug Options Window Help

```
Python 3.12.0 (tags/v3.12.0:0fb18b0, Oct  2 2023, 12:49:59) [MSC v.1935 32 bit (
Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:/Users/gsuji/AppData/Local/Programs/Python/Python312-32/calculator.
py
Enter first number: 5
Enter operator (+, -, *, /): +
Enter second number: 7
Result: 12.0
>>>
```

password python.py - C:/Users/gsuji/AppData/Local/Programs/Python/Python312-32/password python....

File Edit Format Run Options Window Help

```
import random
import string

def generate_password(length=12):
    characters = string.ascii_letters + string.digits + string.punctuation
    password = ''.join(random.choice(characters) for _ in range(length))
    return password

# Generate a password of default length (12 characters)
password = generate_password()
print("Generated Password:", password)
```

Ln: 1 Col: 1

File Edit Shell Debug Options Window Help

```
Python 3.12.0 (tags/v3.12.0:0fb18b0, Oct  2 2023, 12:49:59) [MSC v.1935 32 bit (
Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:/Users/gsuji/AppData/Local/Programs/Python/Python312-32/password py
thon.py
Generated Password: 5U>L}k`9wfHm
>>> 123456789012
123456789012
>>>
```

Ln: 8 Col: 0