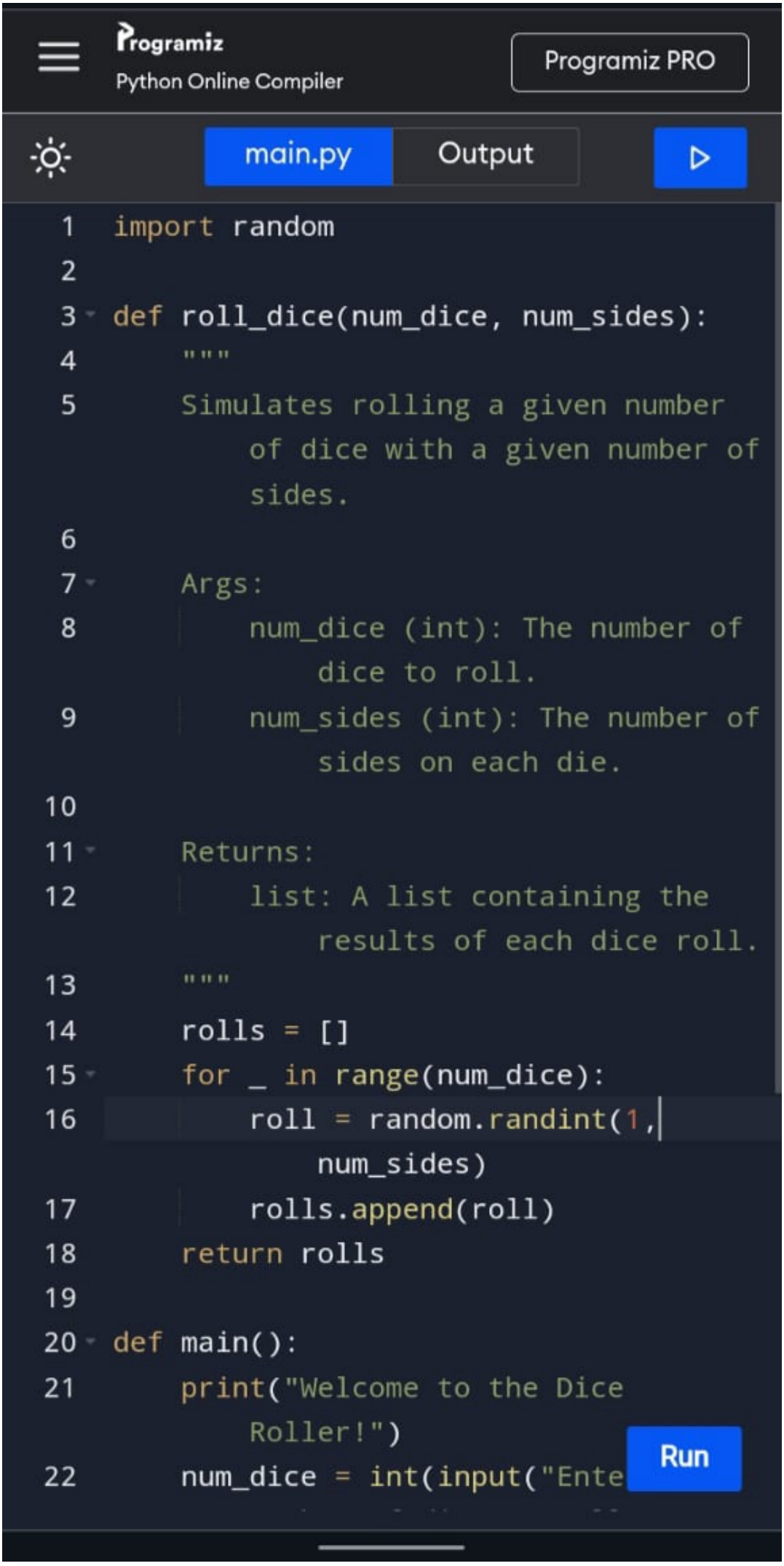


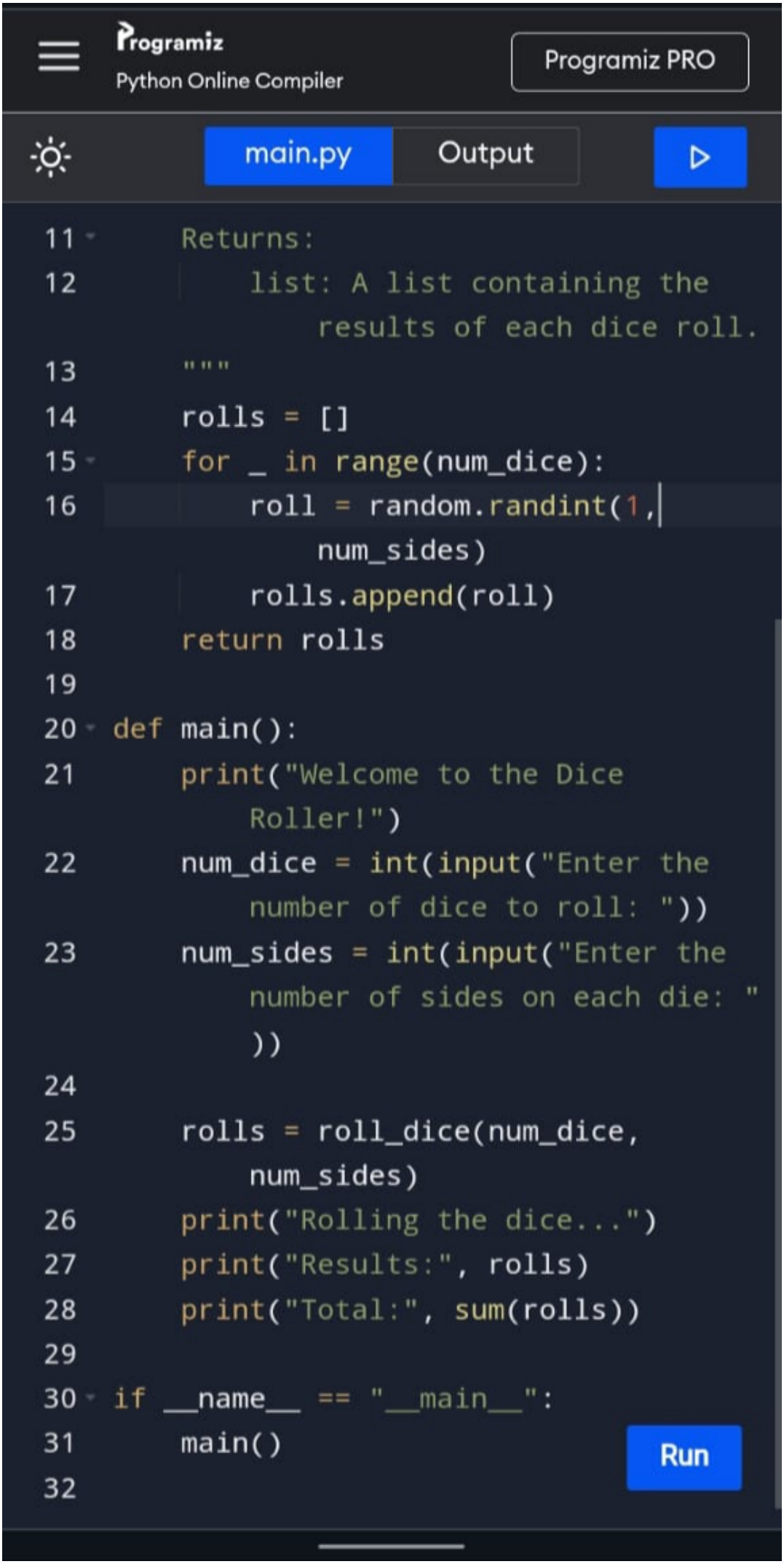

```python
import random

def roll_dice(num_dice, num_sides):
    """
    Simulates rolling a given number of dice with a given number of sides.

    Args:
        num_dice (int): The number of dice to roll.
        num_sides (int): The number of sides on each die.

    Returns:
        list: A list containing the results of each dice roll.
    """
    rolls = []
    for _ in range(num_dice):
        roll = random.randint(1, num_sides)
        rolls.append(roll)
    return rolls

def main():
    print("Welcome to the Dice Roller!")
    num_dice = int(input("Ente
```



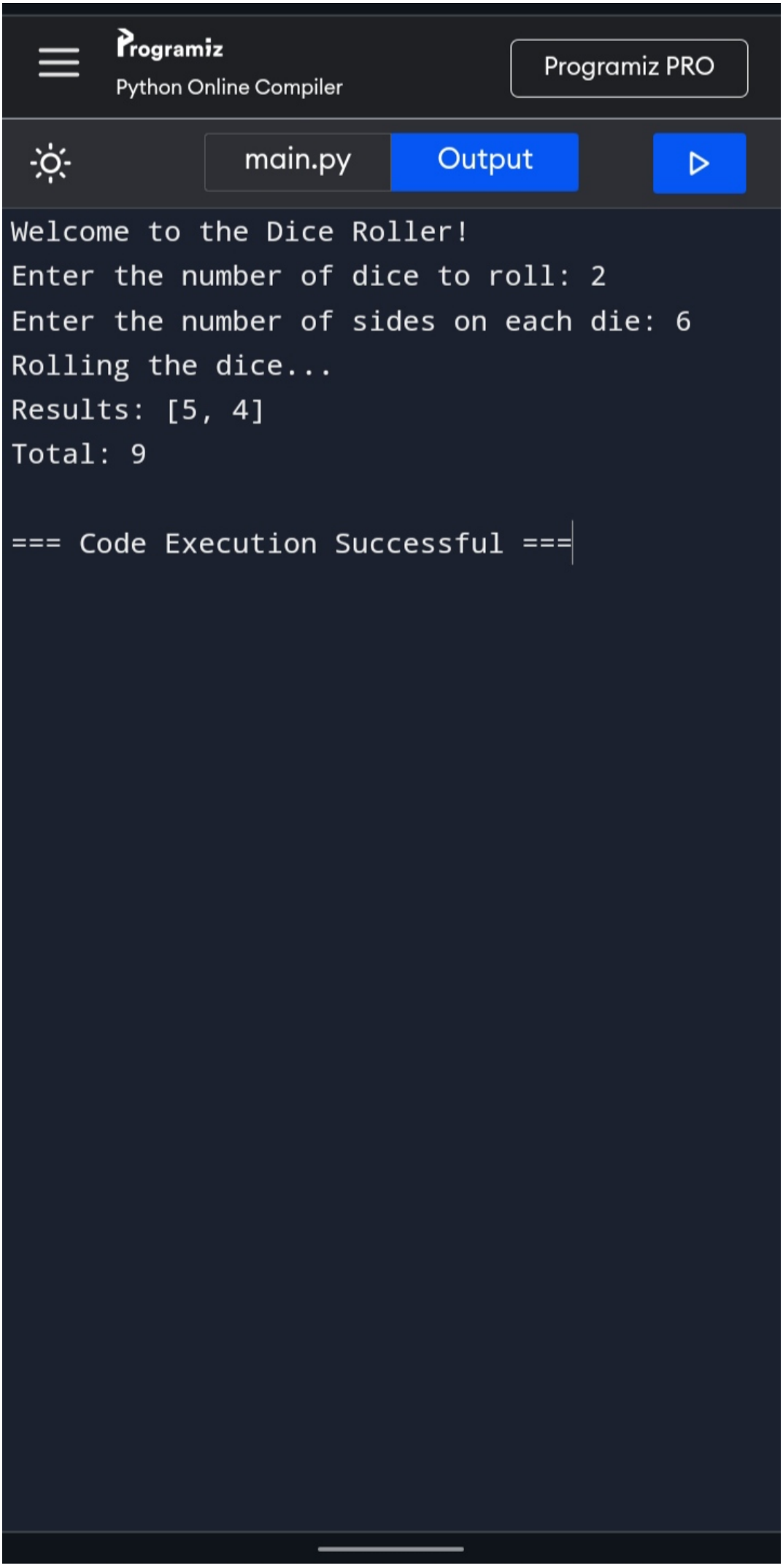

```
    Returns:
        list: A list containing the
            results of each dice roll.
    """
    rolls = []
    for _ in range(num_dice):
        roll = random.randint(1,
            num_sides)
        rolls.append(roll)
    return rolls

def main():
    print("Welcome to the Dice
        Roller!")
    num_dice = int(input("Enter the
        number of dice to roll: "))
    num_sides = int(input("Enter the
        number of sides on each die: "
        ))

    rolls = roll_dice(num_dice,
        num_sides)
    print("Rolling the dice...")
    print("Results:", rolls)
    print("Total:", sum(rolls))

if __name__ == "__main__":
    main()

```


Programiz
Python Online Compiler
Programiz PRO
main.py
Output
Welcome to the Dice Roller!
Enter the number of dice to roll: 2
Enter the number of sides on each die: 6
Rolling the dice...
Results: [5, 4]
Total: 9
=== Code Execution Successful ===