

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("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()