```python
x = 100
y = 29
sum_multiplied = (x + y) * 3
final_result = sum_multiplied ** 2
print("The result of the calculation was:\n\t", final_result)
```

```
The result of the calculation was:
     149769
```

```python
name = input("Enter your name: ")
year_of_birth = int(input("Enter your year of birth: "))
age = int(input("Enter your age: "))
last_two_digits = str(year_of_birth)[-2:]
first_three_letters = name[:3].ljust(3, "0")
age_squared = str(age ** 2)
password = last_two_digits + first_three_letters + age_squared
print("Password:", password)
```

```
Enter your name:  shaun
Enter your year of birth:  1985
Enter your age:  40

Password: 85sha1600
```

```python
num1 = int(input("First number: "))
num2 = int(input("Second number: "))
if num1 % 2 == 0 and num2 % 2 == 0:
    print("Both numbers are even.")
elif num1 % 2 == 0 or num2 % 2 == 0:
    print("One of the numbers is even.")
else:
    print("Both numbers are odd.")
```

```
First number:  2
Second number:  3

One of the numbers is even.
```

```python
num = int(input("Give an integer: "))
sum_numbers = sum(range(num))
print("The sum was:", sum_numbers)
```

```
Give an integer:  5

The sum was: 10
```

```python
import random

def play_guessing_game():
    dealer_number = random.randint(0, 10)
    players = {}
    num_players = int(input("Enter the number of players: "))
```

```python
    for i in range(1, num_players + 1):
        player_name = input(f"Enter Player {i} name: ")
        attempts = 0
        print(f"{player_name}, it's your turn to guess!")

        while True:
            guess = int(input(f"{player_name}: "))
            attempts += 1

            if guess < dealer_number:
                print("Try a greater number.")
            elif guess > dealer_number:
                print("Try a smaller number.")
            else:
                print(f"That's right! Number of tries: {attempts}")
                players[player_name] = attempts
                break

    winner = min(players, key=players.get)
    print(f"Winner is {winner}")

play_guessing_game()
```

```
Enter the number of players:  1
Enter Player 1 name:  shaun

shaun, it's your turn to guess!

shaun:  5

Try a greater number.

shaun:  6

Try a greater number.

shaun:  7

Try a greater number.

shaun:  8

Try a greater number.

shaun:  9

That's right! Number of tries: 5
Winner is shaun
```