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In [2]: firstNumber = 100;
secondNumber = 29;

sum = firstNumber + secondNumber;

mult = sum * 3;

expo = pow(mult, 2);

print("The result of the calculation was: \n \t", expo);
```

The result of the calculation was:
149769

```
In [12]: name = input("Enter your name: ")
# print("Entered name = ", name);

age = int(input("Enter your age: "))
# print("Entered age = ", age);

yob = input("Enter your year of birth : ")
# print("Entered yob = ", yob);

last = str(yob)[-2:];
# print("last = ", last);

first = str(name)[ :3 ];
# print("first = ", first);

second_power = pow(age, 2);
# print("second_power = ",second_power);

password = str(last) + first + str(second_power);
print("password = ", password);
```

Enter your name: John
Enter your age: 26
Enter your year of birth : 1996
password = 96Joh676

```
In [3]: fNo = int(input("Enter first number: "))
sNo = int(input("Enter second number: "))

print("First number = ", fNo)
print("Second number = ", sNo)

if((fNo % 2) == 0 and (sNo % 2) == 0):
    print("Both numbers are even.");
elif((fNo % 2) == 0 or (sNo % 2) == 0):
    print("One of the numbers is even.");
else:
    print("Both numbers are odd.");
```

Enter first number: 10
Enter second number: 5
First number = 10
Second number = 5
One of the numbers is even.

```
In [5]: getNumber = int(input("Get an integer: "));

res = 0;

for i in range(getNumber):
    res += i;

print("The sum was: ", res);
```

Get an integer: 5
The sum was: 10

```
In [11]: import random
dealer_number = random.randint(0, 10)
print("dealer_number = ", dealer_number)
print("\n\n----- Player 1's Turn : STARTED -----");
player1_attempts = 0;

player1_number = int(input("Player 1 : "))
player1_attempts += 1;

while dealer_number != player1_number:
    if player1_number < dealer_number:
        print("Try a greater number.\n")
        player1_number = int(input("Player 1 : "));
        player1_attempts += 1;

    elif player1_number > dealer_number:
        print("Try a smaller number.\n")
        player1_number = int(input("Player 1 : "));
        player1_attempts += 1;
    else:
        break
print("That's right! Number of tries: ", player1_attempts);
print("----- Player 1's Turn : ENDED -----");

print("\n\n----- Player 2's Turn : STARTED -----");
player2_attempts = 0;

player2_number = int(input("Player 2 : "))
player2_attempts += 1;

while dealer_number != player2_number:
    if player2_number < dealer_number:
        print("Try a greater number.\n")
        player2_number = int(input("Player 2 : "));
        player2_attempts += 1;

    elif player2_number > dealer_number:
        print("Try a smaller number.\n")
        player2_number = int(input("Player 2 : "));
        player2_attempts += 1;
    else:
        break
print("\nThat's right! Number of tries: ", player2_attempts);

print("----- Player 2's Turn : ENDED -----");

print("\n\n----- RESULT -----");

if(player1_attempts == player2_attempts):
    print("Here is a Tie");
elif(player1_attempts < player2_attempts):
    print("Winner is Player 1");
else:
    print("Winner is Player 2");
```

dealer_number = 8

----- Player 1's Turn : STARTED -----
Player 1 : 7
Try a greater number.

Player 1 : 5
Try a greater number.

Player 1 : 8
That's right! Number of tries: 3
----- Player 1's Turn : ENDED -----

----- Player 2's Turn : STARTED -----
Player 2 : 4
Try a greater number.

Player 2 : 8

That's right! Number of tries: 2
----- Player 2's Turn : ENDED -----

----- RESULT -----
Winner is Player 2

In []:

In []: