

## assignment-2

February 13, 2024

```
[10]: first_number = 100;
      second_number = 29;
      result = (first_number + second_number) * 3;
      second_exponent = result ** 2;
      print("The result of the calculation was:", second_exponent);
```

The result of the calculation was: 149769

```
[23]: name = input("Name: ");
      year_of_birt = int(input("Year of birt: "));
      age = int(input("Age: "));
      omg = str(year_of_birt)[-2:];
      omn = str(name)[:3];
      oma = str(age**2);
      pass_word = omg + omn + oma;
      print("Password: ", pass_word);
```

Name: John  
Year of birt: 1995  
Age: 26  
Password: 95Joh676

```
[45]: def check_even_odd(num1, num2):
      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")

      num1 = int(input("First number: "))
      num2 = int(input("Second number: "))

      check_even_odd(num1, num2)
```

First number: 5  
Second number: 6  
One of the numbers is even

```
[49]: num = int(input("Give an integer: "))

if num < 0:
    print("Please enter a positive number.")
else:
    result = sum(range(num))
    print("The sum was", result)
```

Give an integer: 5  
The sum was 10

```
[66]: num = int(input("Give an integer: "))

dealer_num = random.randint(0, 10)
tries = 0

while True:
    player_num = int(input("Player: "))
    tries += 1
    if player_num < dealer_num:
        print("Try a greater number. ")
    elif player_num > dealer_num:
        print("Try a smaller number.")
    else:
        print("That's right! Number of tries: .", tries)

        break
```

Give an integer: 2  
Player: 7  
Try a smaller number.  
Player: 5  
That's right! Number of tries: . 2

```
[ ]: Tai Tran
     Dani
```

```
[ ]:
```