Untitled1

February 7, 2025

0.1 Assigments 2

0.1.1 07.02.2025

0.1.2 Emir Arda GÖRDÜK

0.2 Quesiton 1

```python
[11]: # Defending variables
      num1 = 100
      num2 = 29
```

```python
[13]: # Calculate the sum of two numbers and multiply by 3
      result = (num1 + num2 ) * 3
```

```python
[15]: # Square the result and give a new variable
      s_result = result ** 2
```

```python
[21]: # Take name, birth year and age information from the user
      name = input(' Please enter your name : ')
      year_ofbirth = input( ' Enter your year of birth : ')
      age = int(input(' Enter your age :'))
```

```
 Please enter your name :  arda
 Enter your year of birth :  2007
 Enter your age : 18
```

```python
[17]: # And print
      print('The result of calculation : ')
      print(s_result)
```

```
The result of calculation :
149769
```

0.3 Question 2

```python
[27]: # create password
      password = year_ofbirth[-2 :] + name[:3] + str(age ** 2)
```

```
[29]: # Print password on screen
      print('Password:' , password)
```

Password: 07ard324

0.4 Question 3

```
[31]: # Take 2 number from user
      num1 = int(input(' First number : '))
      num2 = int(input( 'Second number : '))
```

```
 First number :   13
Second number :   10
```

```
[37]: # Check if numbers are even
      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.')
```

One of the numbers is even.

0.5 Question 4

```
[85]: # Take a number
      num = int(input(' Give an integer : '))
```

Give an integer :   10

```
[79]: # Calculate the total
      total = sum(range(num + 1))
```

```
[81]: print(' The sum was : ', total)
```

The sum was :   55