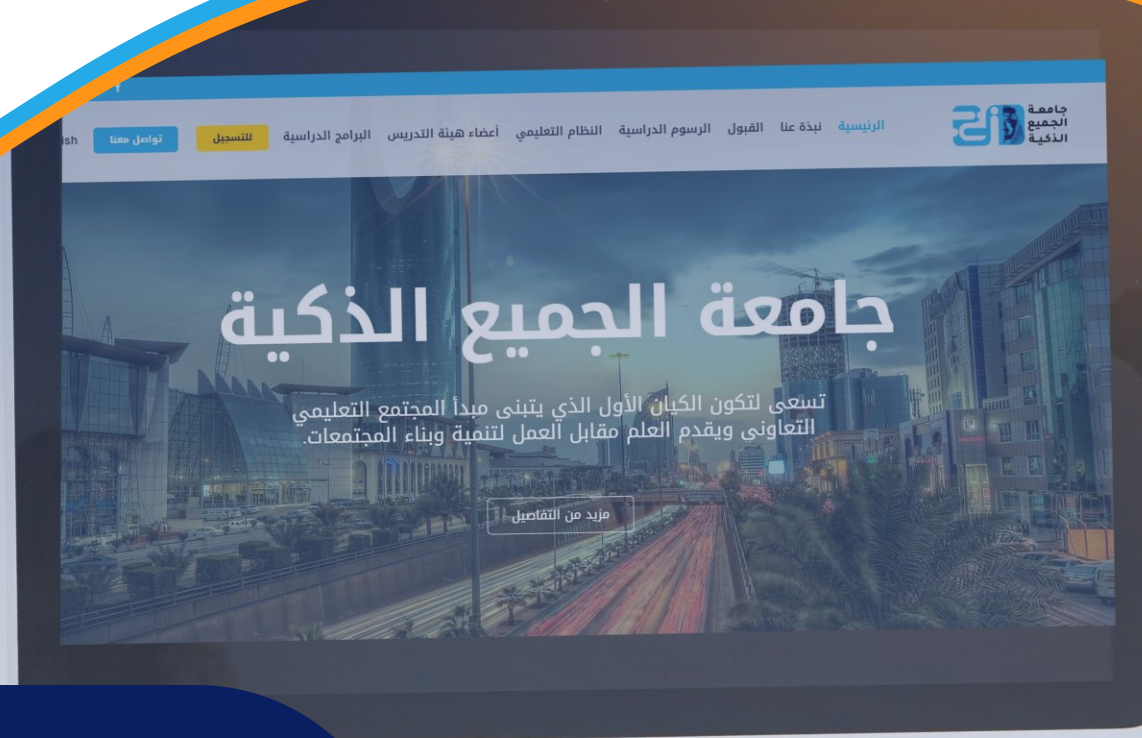




جامعة الجميع الذكية
EVERYONE'S SMART UNIVERSITY



Assignment

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CYB550

Programming Foundations In
Python

- Program1: Write a program to accept a number from a user and calculate the sum of all numbers from 1 to a given number.
 - Expected run of this program looks like the following:

Enter a number: **10**

Sum of numbers to **10** is **55**

```
n = int( input( " enter a number:" ))  
sum = 0  
for i in range(1, n+1):  
    sum += i
```

```
print("sum of number", n , "is" , sum)
```

- Program2: using this list **[5, 10, 15, 20, 25, 50, 0]**. Write a program to find the index of the value 20 in the list. Then add this index value to the list.
 - Expected run of this program looks like the following:

The index value of 20 is: 3

The list after adding this value is [5, 10, 15, 20, 25, 50, 0, 3]

```
L1= [5,10,15,20,25,50,0]
```

```
L1.append(3)
```

```
print("the index of 20 is" , L1.index(20))
```

```
print( L1 )
```

