

A small blue square icon containing the text "{//}" in white, representing a code symbol.

باستخدام For Loops

1. قم بطباعة مجموع الأرقام من صفر ل 100

Print the total of numbers between 0 to 100.

{codezi//a}

```
{//}
```

```
total = 0
for i in range(101):
    total += i

print(total)
```

{codezi//a}

{//}

2. قم بطباعة مجموع الأرقام من 70 ل 160

Print the total of numbers between 70 to 160.

{codezi//a}

```
{//}
```

```
total = 0
for i in range(70, 161):
    total += i

print(total)
```

{codezi//a}

{//}

3. قم بطباعة مجموع الأرقام الزوجية بين 30 و 470

Print the total of even numbers between 30 to 470.

{codezi//a}

```
{//}
```

```
total = 0
for i in range(30, 471, 2):
    total += i

print(total)
```

{codezi//a}

{//}

4. قم بطباعة مجموع الأرقام التي تقبل القسمة على 3 بين 1 و1000

Print the total of numbers that are divisible by 3 and between 1 to 1000.

{codezi//a}

```
{//}
```

```
total = 0
for i in range(1, 1001):
    if i % 3 == 0:
        total += i

print(total)
```

{codezi//a}

{//}

5. قم بعمل برنامج يقوم بحساب متوسط ثاني أكبر رقم وثاني أصغر رقم يقبل القسمة على 5 و 7 بين الأرقام 452 و 983

Make a program that calculate the average of the second highest and second lowest numbers that are between 452 and 983 and are divisible by 5 and 7.

{codezi//a}

{//}

إذا لم توفق للوصول للحل يمكنك السعي مرة أخرى بمساعدة
الخطوات التالية

```
# 5. Make a program that calculate the average of the second  
highest and second lowest numbers  
  
# that are between 452 and 983 and are divisible by 5 and 7  
  
# Initialize the list to store the numbers  
  
# looping through the range of numbers  
  
# check if the number is divisible by 5 and 7  
  
# add the number to the list  
  
# Get the second highest and second lowest numbers  
  
# Calculate the average of the second highest and second lowest  
numbers  
  
# Print the result
```

{codezi//a}

```
{//}
```

```
# Initialize the list to store the numbers
numbers = []

# looping through the range of numbers
for i in range(452, 984):
    # check if the number is divisible by 5 and 7
    if (i%5 == 0) and (i%7 == 0):
        # add the number to the list
        numbers.append(i)

# Get the second highest and second lowest numbers
second_highest = numbers[-2]
second_lowest = numbers[1]

# Calculate the average of the second highest and second lowest
numbers
average = (second_highest + second_lowest) / 2

# Print the result
print(f"The average of the second highest ({second_highest})
and second lowest ({second_lowest}) numbers is: {average}")
```

{codezi//a}