**Task 1**

* Ask the user to enter a series of numbers​
* Create a total by adding each number to the last​
* Stop adding numbers when the user types zero *e.g.*​
* Print out the total at the end

**Task 2**

Create a new program that will decide if you were born in a leap year

Hint A year is a leap year when it is divisible by 4. ​  
Hint: use the % operator​

​Ask the user what year they were born​

Use % which give you the remainder​

Print (‘was born on leap year’​

Task 3

Create a till system that will output correct entrance fee

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* Pensioners and teenagers are allowed to swim for free​

​

* Regular Swim is £5​

​

* Any adult with a Swim Card gets a 50% discount​

​

HINT​

Age = Input their age ​

​

If age < 20 or age > 65:​

    Price = 0​

​Else:​

Input if swimcard​

If swimcard == ‘yes’:​

price=2.5​

Task 3

Create a program to output “the first number is greater than the second” only if that is true

* Ask for two numbers to be typed in at the keyboard, then display the larger of the two numbers​

​

* Ask the user for two numbers​

*variable*= int(input(‘*prompt*’))​

​

* Write a selection statement to compare the two numbers and output “The first number is greater than the second” if that is true. ​

​

if var1>var2:​

    print()​