**Project Euler 6**

**def** SumSquareDifference(n):

sumOfSquares=0

squareOfSum=((n\*(n+1))/2)\*\*2 //fórmula de Gauss

for i in range(n+1):

sumOfSquares=sumOfSquares+(i\*\*2)

difference=squareOfSum-sumOfSquares

print difference

SumSquareDifference(100)

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