

Weekly Assignment 9

1. Write a Python program to calculate the summation of the given series:

$S=1+3+5+7+\dots$ (the last term should be the user input)

2. Write a Python program to calculate the summation of the given series:

$S=1-2+3-4+\dots$ (the last term should be the user input).

3. Write a Python program to calculate the summation of the given series:

$S=1/2+1/4+1/6+\dots$ (the last term should be the user input).

4. Write a Python program to calculate the summation of the given series:

$S=1/2+2/3+3/4+\dots$ (the last term should be the user input)

5. Write a Python program to calculate the summation of the given series:

$S=1/3+3/5+5/7+\dots$ (the last term should be the user input)