

# Assignment 3

Write a Python program that prompts the user to enter two positive integers, **start** and **end**, where start is less than or equal to end. The program should calculate the sum of all odd numbers between start and end, inclusive.

Here are the steps you should follow:

1. Prompt the user to enter the value for start. Read the user's input and store it in a variable.
2. Prompt the user to enter the value for end. Read the user's input and store it in another variable.
3. Use a loop to iterate over all the numbers from start up to and including end.
4. print the sum of all the odd numbers.

Example Output:

```
Enter the value for 'start': 5
Enter the value for 'end': 15
Sum of odd numbers from 5 to 15: 61
```

```
Enter the value for 'start': 10
Enter the value for 'end': 20
Sum of odd numbers from 10 to 20: 75
```

Hints:

- You can use the modulo operator (%) to check if a number is odd or even. If a number divided by 2 has a remainder of 1, it is odd.

Submission Instructions:

1. Create a folder named `python_assignment_3`
2. Inside that folder add your `.py` file and a **PDF** with screenshots of your assignment
  - a. The PDF should contain screenshots of your code and sample output
3. Submit the `python_assignment_3` folder to the Assignment 3 dropbox
4. You **do not** need to prefix your variables with your student number