Conditions and Loops

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Problem

Given: Two positive integers a and b ($a<b<10000$).

Return: The sum of all odd integers from a through b, inclusively.

Sample Dataset

```
100 200
```

Sample Output

```
7500
```

```python
a = 4836
b = 9238
sum = 0
for i in range(a,b):
  if i % 2 == 1:
    sum=sum+i

print('The sum of odd integers between a and b is',sum)
```

```
## The sum of odd integers between a and b is 15488437
```