|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **start = 1** | **end = 5** | **sum = 0** | **while start <= end** | **num = int(input())** | **sum += num** | **start = start + 1** |
|  | | | | | | |
| 1 | 5 | 0 | 1 <= 5 # True | num = 10 | Sum += (0+10) = 10 | Start = 1 + 1 = 2 |
|  | | | 2 <= 5 # True | Num = 20 | Sum = 30 | Start = 3 |
| 3 <= 5 # True | Num = 30 | Sum = 60 | Start = 4 |
| 4 <= 5 # True | Num = 40 | Sum = 100 | Start = 5 |
| 5 <= 5 # True | Num = 50 | Sum = 150 | Start = 6 |
| 6 <= 5 # **False** |  | | |
| 150 | | | | | | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **start = 5** | **end = 1** | **sum = 0** | **while start >= end** | **num = int(input())** | **sum += num** | **start = start - 1** |
|  | | | | | | |
| 5 | 1 | 0 | 5 >= 1 # True | num = 10 | Sum += (0+10) = 10 | Start = 5 - 1 = 4 |
|  | | | 4 >= 1 # True | Num = 20 | Sum = 30 | Start = 4 - 1 = 3 |
| 3 >= 1 # True | Num = 30 | Sum = 60 | Start = 2 |
| 2 >= 1 # True | Num = 40 | Sum = 100 | Start = 1 |
| 1 >= 1 # True | Num = 50 | Sum = 150 | Start = 0 |
| 0 >= 1 # **False** |  | | |
| 150 | | | | | | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **start = 1** | **end = 5** | **sum = 0** | **while start <= end** | **num = int(input())** | **sum += num** | **start = start + 2** |
|  | | | | | | |
| 1 | 5 | 0 | 1 <= 5 # T | 10 | 10 | 1+2 = 3 |
|  | | | 3 <= 5 # T | 20 | 20 + 10 = 30 | 3 + 2 = 5 |
| 5 <= 5 # T | 30 | 30 + 30 = 60 | 5 + 2 = 7 |
| 7 <= 5 # False |  | | |
|  |
|  |
|  | | | | | | |

**Assignment Details:**

1. **Start** = 1
2. **End** –> Input from User
3. **Value** **->** Even / Odd (User Input)
4. **EvenSum ->** Even
5. **OddSum** **->** Odd
6. **Print (EvenSum>OddSum)** –> **Even Winner** || **Odd Winner**

**Assignment**:

1. Code
2. Screenshot

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **start = 1** | **end = int (input**  **(“Enter no: “))** | **even sum = 0** | **odd sum = 0** | | **while start <= end** | **num = int(input())** | **even sum +=num** | **odd sum +=num** | **start = start + 1** |
|  | | | |  | | | |  | |
| 1 | 0 | 0 | | 0 | 1 <= 3 # True | num = 10 | Sum += (0+10) = 10 | 0 | Start = 1 + 1 = 2 |
|  | | | |  | 2 <= 3 # True | Num = 11 | 0 | Sum += (0+11) = 11 | Start = 3 |
| 3 <= 3 # True | Num = 12 | Sum = 22 | 0 | Start = 4 |
| 4 <= 3 # **False** |  | Even is winner |  |  |
|  |  |  |  |  |
|  |  | | | |
|  | | | | | | | | | |