|  |  |  |  |
| --- | --- | --- | --- |
| num | While num <= 5 | Print(num) | num+=1 |
| 1 | 1 <= 5 | 1 | 2 |
| 2 | 2<=5 | 2 | 3 |
| 3 | 3<=5 | 3 | 4 |
| 4 | 4<=5 | 4 | 5 |
| 5 | 5<=5 | 5 | 6 |
| 6 | 6<=5 |  |  |

2

4

Sum = 6

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| num | sum | while num <= 5 | If num %2 = = 0 | sum += num | num +=1 |  |
| 1 | 0 | 1 <= 5 | 1 % 2 == 1 False | sum = 0 | 1+1 = 2 |  |
| 2 | 0 | 2 <= 5 | 2 % 2 == 0 True | Sum = 0 + 2 | 2 + 1 = 3 |  |
| 3 | 2 | 3 <= 5 | 3 % 2 == 1 False | Sum = 2 | 3 + 1 = 4 |  |
| 4 | 2 | 4 <= 5 | 4 % 2 == 0 True | Sum = 2 + 4 | 4 + 1 = 5 |  |
| 5 | 6 | 5 <= 5 | 5 % 2 == 1 False | Sum = 6 | 5 + 1 = 6 |  |
| 6 | 6 | 6<=5 False |  |  |  |  |