1. You are given an integer. Print all numbers starting from 0 up to the input number(inclusive).

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| --- | --- |
| Input | Output |
| 8 | 0 1 2 3 4 5 6 7 8 |
| 10 | 0 1 2 3 4 5 6 7 8 9 10 |

1. You are given an integer. Print all numbers starting from 0 up to the input number(inclusive) in reverse order.

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| Input | Output |
| 8 | 8 7 6 5 4 3 2 1 0 |
| 10 | 10 9 8 7 6 5 4 3 2 1 0 |

1. You are given an integer. Print the number itself and the next five integers, thus six numbers in total.

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| --- | --- |
| Input | Output |
| 8 | 8 9 10 11 12 13 |
| 10 | 10 11 12 13 14 15 |

1. You are given an integer. Print the previous five integers and the number itself, thus six numbers in total.

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| --- | --- |
| Input | Output |
| 0 | -5 -4 -3 -2 -1 0 |
| 6 | 1 2 3 4 5 6 |
| -22 | -27 -26 -25 -24 -23 -22 |

1. You are given an integer. Sum all even numbers between 1 and the given number(inclusive) and print the sum. Being inclusive means that if the input number is even, you must also add that number.

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| --- | --- |
| Input | Output |
| 7 | 12  (Explanation: 2 + 4 + 6) |
| 10 | 30  (Explanation: 2 + 4 + 6 + 8 + 10) |
| 1 | 0  (Explanation: no even num between 1 & 1) |

1. You are given an integer. Sum all odd numbers between 1 and the given number(inclusive) and print the sum.

|  |  |
| --- | --- |
| Input | Output |
| 7 | 16  (Explanation: 1 + 3 + 5 + 7) |
| 10 | 25  (Explanation: 1 + 3 + 5 + 7 + 9) |
| 1 | 1  (Explanation: only 1 is odd between 1 & 1) |

1. You are given an integer. Sum all even numbers between the input number and the next 10 integers and print the sum. All are inclusive; thus, you must think about 11 numbers in total, starting with the input number.

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| --- | --- |
| Input | Output |
| 7 | 60  (Exp: 8 + 10 + 12 + 14 + 16) |
| 4 | 54  (Exp: 4 + 6 + 8 + 10 + 12 + 14) |
| 10 | 90  (Exp: 10 + 12 + 14 + 16 + 18 + 20) |

1. You are given an integer. Sum all odd numbers between the previous 10 integers and the input number and print the sum. Again, there are 11 numbers in total.

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| --- | --- |
| Input | Output |
| 10 | 25  (Exp: 1 + 3 + 5 + 7 + 9) |
| 5 | 0  (Exp: (-5) + (-3) + (-1) + 1 + 3 + 5) |
| -10 | -75  (Exp: -19, -17, -15, -13, -11) |