## Number Classification

Using a **list comprehension**, write a program that receives **numbers**, separated by comma and space **", "**, and prints all the **positive**, **negative**, **even** and **odd** numbers on separate lines as shown below.

***Note: Zero is counted for a positive number***

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| 1, -2, 0, 5, 3, 4, -100, -20, 12, 19, -33 | Positive: 1, 0, 5, 3, 4, 12, 19  Negative: -2, -100, -20, -33  Even: -2, 0, 4, -100, -20, 12  Odd: 1, 5, 3, 19, -33 |