```
input:
y >= 0.5 x + (1.0)
y <= 3.0 x + (2.0)
y <= -1.0 x + (9.0)
y >= 1.0 x + (0.0)
(1, 2)
(2, 3)
(3, 4)
(4, 5)
(5, 3)
(2, 5)
(1, 1)
(3, 2)
(4, 6)
(5, 6)

output:
pontos válidos:
(1, 2)
(2, 3)
(3, 4)
(4, 5)
(2, 5)

pontos não válidos:
(5, 3)
(1, 1)
(3, 2)
(4, 6)
(5, 6)
```