PARCIAL II- CI3641 - JOAO PINTO 17-10490

PREGUNTA 2 - PARTE F

PARTE F

$$X = V/R$$
, $Y = REF$, $Z = V/R$

```
    int tu = 13, que = 9;

    proc lagarto(int x, int y, int z) {
        x = x + y - z
        y = z * 2 - x
        z = x + y - 1
        }

    4 lagarto(tu, tu, que)
    5 lagarto(tu, que, que)
    6 lagarto(que, tu, tu)

    7 print(tu, que)
```

| > | | | |
|---|--|--|--|
| | | | |

| Global | tu | 13 |
|--------|-----|----|
| Global | que | 9 |

```
    int tu = 13, que = 9;

    proc lagarto(int x, int y, int z) {
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        z = x + y - 1
        }

    4 lagarto(tu, tu, que)
    5 lagarto(tu, que, que)
    6 lagarto(que, tu, tu)

    7 print(tu, que)
```

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| Global | tu | 13 |
|---------|-----|--------------|
| | que | 9 |
| lagarto | X | V/R tu -> 13 |
| | y | Ref tu -> 13 |
| | Z | V/R que -> 9 |

```
    int tu = 13, que = 9;

    proc lagarto(int x, int y, int z) {
        x = x + y - z
        y = z * 2 - x
        z = x + y - 1
        }

    4 lagarto(tu, tu, que)
    5 lagarto(tu, que, que)
    6 lagarto(que, tu, tu)

    7 print(tu, que)
```

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| Global | tu | 13 |
|---------|-----|--------------|
| | que | 9 |
| lagarto | X | V/R tu -> 17 |
| | у | Ref tu -> 13 |
| | z | V/R que -> 9 |

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| Global | tu | 1 |
|---------|-----|--------------|
| | que | 9 |
| lagarto | X | V/R tu -> 17 |
| | y | Ref tu -> 1 |
| | Z | V/R que -> 9 |

```
    int tu = 13, que = 9;

    proc lagarto(int x, int y, int z) {
        x = x + y - z
        y = z * 2 - x
        z = x + y - 1
        }

    4 lagarto(tu, tu, que)
    5 lagarto(tu, que, que)
    6 lagarto(que, tu, tu)

    7 print(tu, que)
```

>

| Global | tu | 1 |
|---------|-----|---------------|
| | que | 9 |
| lagarto | X | V/R tu -> 17 |
| | у | Ref tu -> 1 |
| | Z | V/R que -> 17 |

```
    int tu = 13, que = 9;

    proc lagarto(int x, int y, int z) {
        x = x + y - z
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        z = x + y - 1
        }

    4 lagarto(tu, tu, que)
    5 lagarto(tu, que, que)
    6 lagarto(que, tu, tu)

    7 print(tu, que)
```

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| Global | tu | 1 |
|---------|-----|---------------|
| | que | 17 |
| lagarto | X | V/R tu -> 17 |
| | у | Ref tu -> 1 |
| | Z | V/R que -> 17 |

```
    int tu = 13, que = 9;

    proc lagarto(int x, int y, int z) {
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        z = x + y - 1
        }

4 lagarto(tu, tu, que)
        5 lagarto(tu, que, que)
        6 lagarto(que, tu, tu)

7 print(tu, que)
```

>

| Global | tu | 1 |
|---------|-----|---------------|
| | que | 17 |
| lagarto | X | V/R tu -> 17 |
| | У | Ref tu -> 1 |
| | Z | V/R que -> 17 |

```
    int tu = 13, que = 9;

    proc lagarto(int x, int y, int z) {
        x = x + y - z
        y = z * 2 - x
        z = x + y - 1
        }

    4 lagarto(tu, tu, que)
    5 lagarto(tu, que, que)
    6 lagarto(que, tu, tu)

    7 print(tu, que)
```

>

| Global | tu | 17 |
|---------|-----|---------------|
| | que | 17 |
| lagarto | X | V/R tu -> 17 |
| | У | Ref tu -> 1 |
| | Z | V/R que -> 17 |

```
    int tu = 13, que = 9;

    proc lagarto(int x, int y, int z) {
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        z = x + y - 1
        }

    4 lagarto(tu, tu, que)
    5 lagarto(tu, que, que)
    6 lagarto(que, tu, tu)

    7 print(tu, que)
```

>

| Global | tu | 17 |
|--------|-----|---------------|
| | que | 17 |
| | X | V/R tu -> 17 |
| | У | Ref tu -> 1 |
| | Z | V/R que -> 17 |

```
    int tu = 13, que = 9;

    proc lagarto(int x, int y, int z) {
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    5 lagarto(tu, que, que)
    6 lagarto(que, tu, tu)

    7 print(tu, que)
```

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|---|--|--|--|
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| | | | |
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| Global | tu | 17 |
|--------|-----|----|
| Global | que | 17 |

```
    int tu = 13, que = 9;

    proc lagarto(int x, int y, int z) {
        x = x + y - z
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        z = x + y - 1
        }

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    5 lagarto(tu, que, que)
    6 lagarto(que, tu, tu)

    7 print(tu, que)
```

>

| Global | tu | 17 |
|---------|-----|---------------|
| | que | 17 |
| | | |
| lagarto | X | V/R tu -> 17 |
| | у | Ref que -> 17 |
| | Z | V/R que -> 17 |

```
    int tu = 13, que = 9;

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    5 lagarto(tu, que, que)
    6 lagarto(que, tu, tu)

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```

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| Global | tu | 17 |
|---------|-----|---------------|
| | que | 17 |
| | | |
| lagarto | X | V/R tu -> 17 |
| | У | Ref que -> 17 |
| | Z | V/R que -> 17 |

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| Global | tu | 17 |
|---------|-----|---------------|
| | que | 17 |
| lagarto | X | V/R tu -> 17 |
| | у | Ref que -> 17 |
| | Z | V/R que -> 17 |

```
    int tu = 13, que = 9;

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    5 lagarto(tu, que, que)
    6 lagarto(que, tu, tu)

    7 print(tu, que)
```

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| Global | tu | 17 |
|---------|-----|---------------|
| | que | 17 |
| | | |
| lagarto | X | V/R tu -> 17 |
| | y | Ref que -> 17 |
| | Z | V/R que -> 33 |

```
    int tu = 13, que = 9;

    proc lagarto(int x, int y, int z) {
        x = x + y - z
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    5 lagarto(tu, que, que)
    6 lagarto(que, tu, tu)

    7 print(tu, que)
```

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| Global | tu | 17 |
|---------|-----|---------------|
| | que | 33 |
| | | |
| lagarto | X | V/R tu -> 17 |
| | y | Ref que -> 33 |
| | Z | V/R que -> 33 |

```
    int tu = 13, que = 9;

    proc lagarto(int x, int y, int z) {
        x = x + y - z
        y = z * 2 - x
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     }

    4 lagarto(tu, tu, que)
    5 lagarto(tu, que, que)
    6 lagarto(que, tu, tu)

    7 print(tu, que)
```

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| | que | 33 |
|--------|-----|----|
| Global | tu | 17 |

| | X | V/R tu -> 17 |
|---------|---|---------------|
| lagarto | у | Ref que -> 33 |
| | z | V/R que -> 33 |

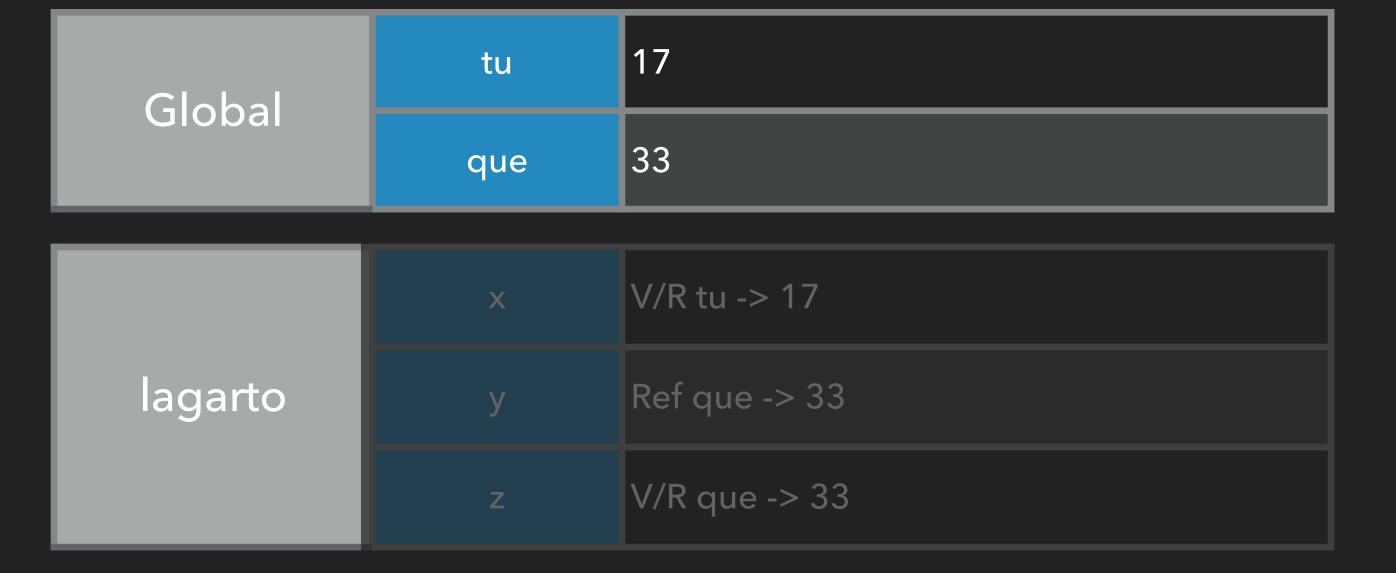
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    int tu = 13, que = 9;

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        }

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    5 lagarto(tu, que, que)
    6 lagarto(que, tu, tu)

    7 print(tu, que)
```

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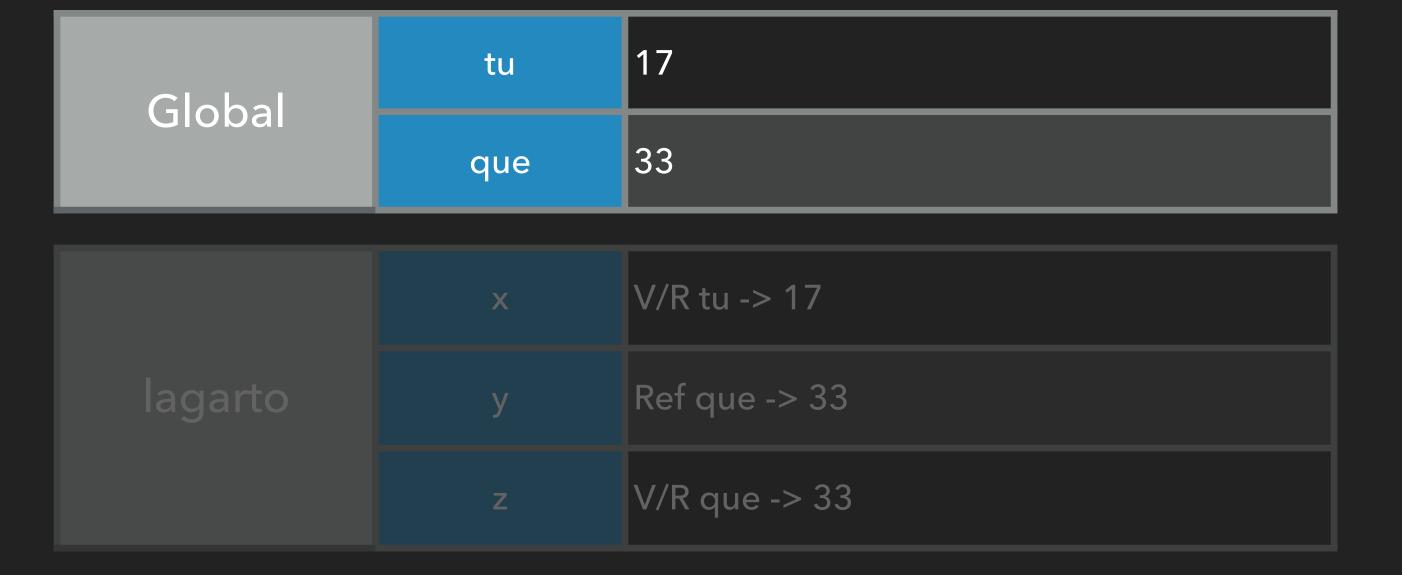
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    5 lagarto(tu, que, que)
    6 lagarto(que, tu, tu)

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```
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    5 lagarto(tu, que, que)
    6 lagarto(que, tu, tu)

    7 print(tu, que)
```

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|---|--|--|--|
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| | | | |
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| Global | tu | 17 |
|--------|-----|----|
| Global | que | 33 |

```
    int tu = 13, que = 9;

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    5 lagarto(tu, que, que)
    6 lagarto(que, tu, tu)

    7 print(tu, que)
```

| Global | tu | 17 |
|---------|-----|---------------|
| | que | 33 |
| | | |
| lagarto | X | V/R que -> 33 |
| | у | Ref tu -> 17 |
| | Z | V/R tu -> 17 |

```
    int tu = 13, que = 9;

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    5 lagarto(tu, que, que)
    6 lagarto(que, tu, tu)

    7 print(tu, que)
```

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| Global | tu | 17 |
|---------|-----|---------------|
| | que | 33 |
| | | |
| lagarto | X | V/R que -> 33 |
| | у | Ref tu -> 17 |
| | Z | V/R tu -> 17 |

| Global | tu | 1 |
|---------|-----|---------------|
| | que | 33 |
| | | |
| lagarto | X | V/R que -> 33 |
| | у | Ref tu -> 1 |
| | Z | V/R tu -> 17 |

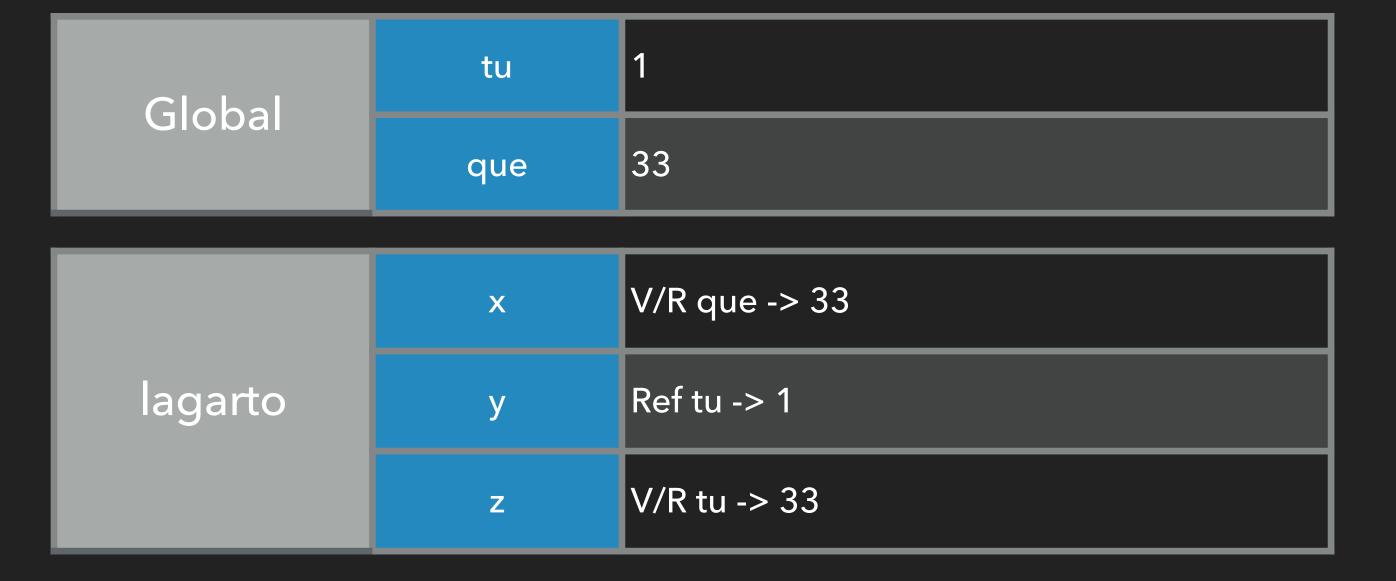
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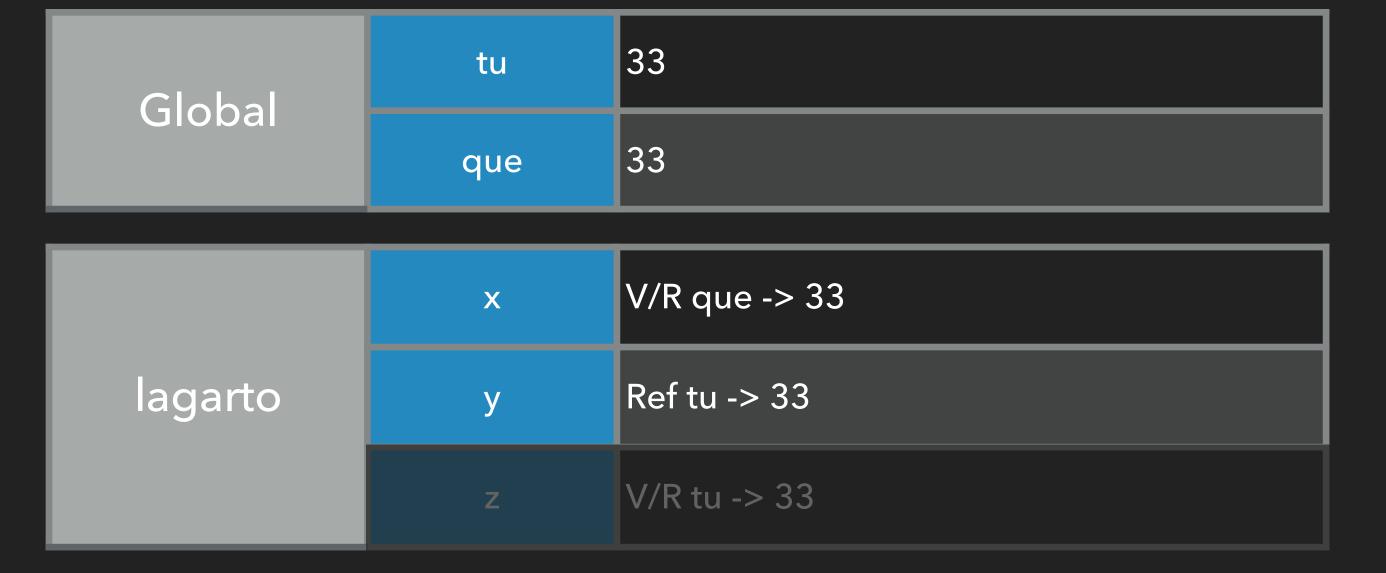
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    5 lagarto(tu, que, que)
    6 lagarto(que, tu, tu)

    7 print(tu, que)
```

>

| Global | tu | 33 |
|---------|-----|---------------|
| | que | 33 |
| | | |
| lagarto | X | V/R que -> 33 |
| | У | Ref tu -> 33 |
| | Z | V/R tu -> 33 |

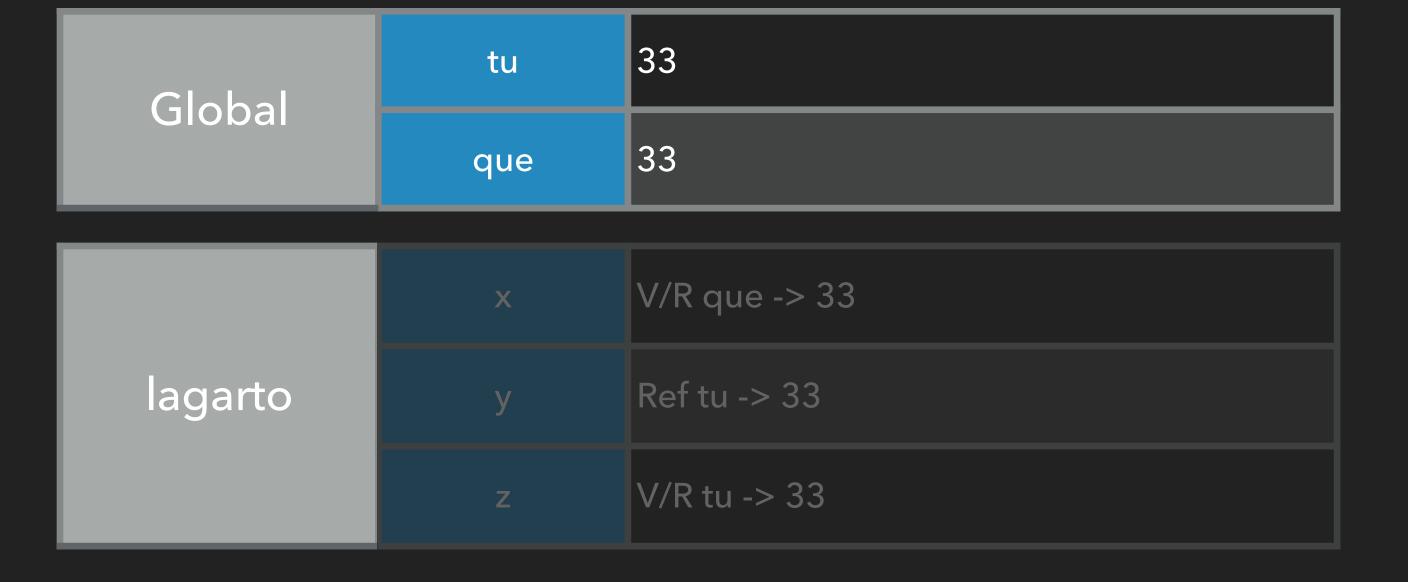
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    6 lagarto(que, tu, tu)

    7 print(tu, que)
```

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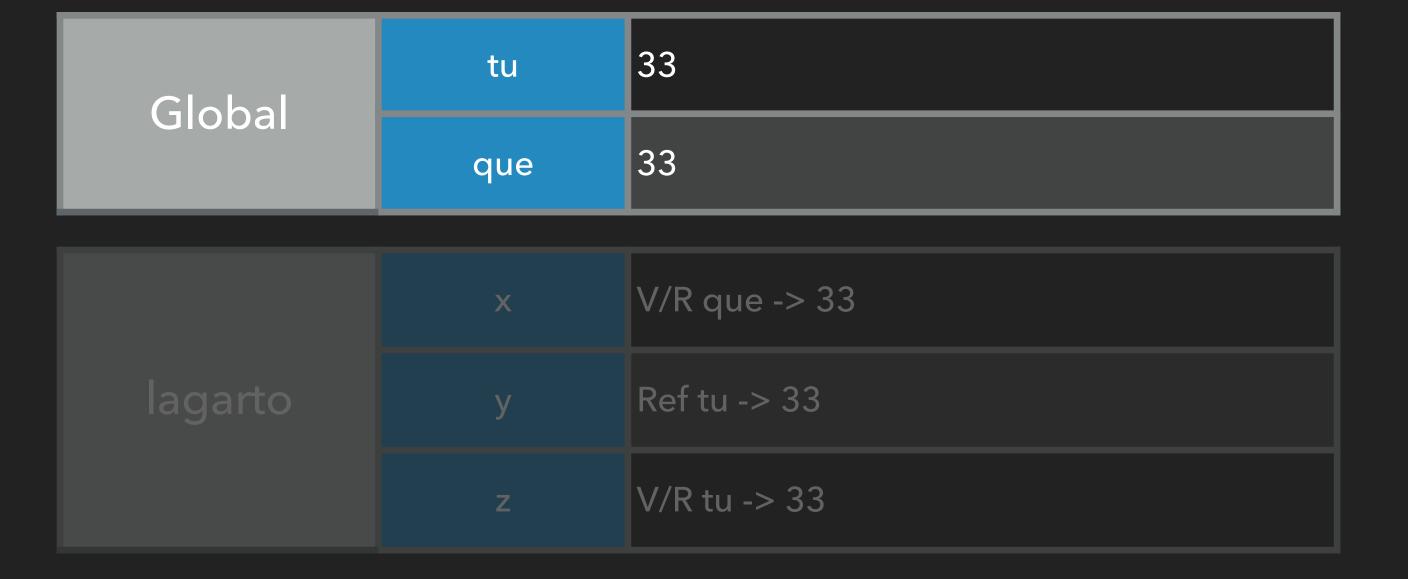
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    6 lagarto(que, tu, tu)

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```

>



```
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    5 lagarto(tu, que, que)
    6 lagarto(que, tu, tu)

7 print(tu, que)
```

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|---|--|--|--|
| | | | |
| | | | |

| Global | tu | 33 |
|--------|-----|----|
| | que | 33 |

```
    int tu = 13, que = 9;

    proc lagarto(int x, int y, int z) {
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        z = x + y - 1
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    5 lagarto(tu, que, que)
    6 lagarto(que, tu, tu)

    7 print(tu, que)
```

> 33,33

| Global | tu | 33 |
|--------|-----|----|
| | que | 33 |