to_test = 13

- while cur_div < to_test: 3.
- if to_test % cur_div == 0: 4.
- 5. break
- 6. else:
- cur_div = cur_div + 1
- if cur_div < to_test:</pre> 8.
- print("Keine Primzahl!") 9.
- print("Teiler:" + str(cur_div)) 10.
- 11. else:
- print("Primzahl!") 12.

"Python-Computer"

"Speicher"

Bezeichner Wert

Nächste Zeile

Bedingung:

- 2. cur_div = 2
- 3. while cur_div < to_test:
- 4. if to_test % cur_div == 0:
- 5. break
- 6. else:
- 7. $cur_div = cur_div + 1$
- 8. if cur_div < to_test:
- 9. print("Keine Primzahl!")
- 10. print("Teiler:" + str(cur_div))
- 11. else:
- 12. print("Primzahl!")

"Python-Computer"

"Speicher"

Nächste Zeile

2

Bezeichner	Wert
to_test	13

Bedingung:

- 2. cur_div = 2
- 3. while cur_div < to_test:
- 4. if to_test % cur_div == 0:
- 5. break
- 6. else:
- 7. $cur_div = cur_div + 1$
- 8. if cur_div < to_test:
- 9. print("Keine Primzahl!")
- 10. print("Teiler:" + str(cur_div))
- 11. else:
- 12. print("Primzahl!")

"Python-Computer"

"Speicher"

Nächste Zeile

3

Bezeichner	Wert
to_test	13
cur_div	2

Bedingung:

2. cur_div = 2

3. while cur_div < to_test:

- 4. if to_test % cur_div == 0:
- 5. break
- 6. else:
- 7. $cur_div = cur_div + 1$
- 8. if cur_div < to_test:
- 9. print("Keine Primzahl!")
- 10. print("Teiler:" + str(cur_div))
- 11. else:
- 12. print("Primzahl!")

"Python-Computer"

"Speicher"

Nächste Zeile

?

Bezeichner	Wert
to_test	13
cur_div	2

2. cur_div = 2

3. while cur_div < to_test:

- 4. if to_test % cur_div == 0:
- 5. break
- 6. else:
- 7. $cur_div = cur_div + 1$
- 8. if cur_div < to_test:
- 9. print("Keine Primzahl!")
- 10. print("Teiler:" + str(cur_div))
- 11. else:
- 12. print("Primzahl!")

"Python-Computer"

"Speicher"

Bezeichner	Wert
to_test	13
cur_div	2

Nächste Zeile

4

```
1. to_test = 13
```

- 3. while cur_div < to_test:
- 4. if to_test % cur_div == 0:
- 5. break
- 6. else:
- 7. $cur_div = cur_div + 1$
- 8. if cur_div < to_test:
- 9. print("Keine Primzahl!")
- 10. print("Teiler:" + str(cur_div))
- 11. else:
- 12. print("Primzahl!")

"Python-Computer"

"Speicher"

Nächste Zeile

?

Bezeichner	Wert
to_test	13
cur_div	2

- 2. cur_div = 2
- 3. while cur_div < to_test:
- 4. if to_test % cur_div == 0:
- 5. break
- 6. else:
- 7. $cur_div = cur_div + 1$
- 8. if cur_div < to_test:
- 9. print("Keine Primzahl!")
- 10. print("Teiler:" + str(cur_div))
- 11. else:
- 12. print("Primzahl!")

"Python-Computer"

"Speicher"

Bezeichner	Wert
to_test	13
cur_div	2

Nächste Zeile

7

- 2. cur_div = 2
- 3. while cur_div < to_test:
- 4. if to_test % cur_div == 0:
- 5. break
- 6. else:
- 7. $cur_div = cur_div + 1$
- 8. if cur_div < to_test:
- 9. print("Keine Primzahl!")
- 10. print("Teiler:" + str(cur_div))
- 11. else:
- 12. print("Primzahl!")

"Python-Computer"

"Speicher"

Nächste Zeile

3

Bezeichner	Wert
to_test	13
cur_div	3

Bedingung:

2. cur_div = 2

3. while cur_div < to_test:

- 4. if to_test % cur_div == 0:
- 5. break
- 6. else:
- 7. $cur_div = cur_div + 1$
- 8. if cur_div < to_test:
- 9. print("Keine Primzahl!")
- 10. print("Teiler:" + str(cur_div))
- 11. else:
- 12. print("Primzahl!")

"Python-Computer"

"Speicher"

Nächste Zeile

?

Bezeichner	Wert
to_test	13
cur_div	3

2. cur_div = 2

3. while cur_div < to_test:

- 4. if to_test % cur_div == 0:
- 5. break
- 6. else:
- 7. $cur_div = cur_div + 1$
- 8. if cur_div < to_test:
- 9. print("Keine Primzahl!")
- 10. print("Teiler:" + str(cur_div))
- 11. else:
- 12. print("Primzahl!")

"Python-Computer"

"Speicher"

Bezeichner	Wert
to_test	13
cur_div	3

Nächste Zeile

4

```
1. to_test = 13
```

- 2. cur_div = 2
- 3. while cur_div < to_test:
- 4. if to_test % cur_div == 0:
- 5. break
- 6. else:
- 7. $cur_div = cur_div + 1$
- 8. if cur_div < to_test:
- 9. print("Keine Primzahl!")
- 10. print("Teiler:" + str(cur_div))
- 11. else:
- 12. print("Primzahl!")

"Python-Computer"

"Speicher"

Nächste Zeile

?

Bezeichner	Wert
to_test	13
cur_div	3

to_test = 13 $cur_div = 2$ 2. while cur_div < to_test: 3. if to_test % cur_div == 0: 4. 5. break 6. else: cur_div = cur_div + 1 7. if cur_div < to_test:</pre> 8. print("Keine Primzahl!") 9. print("Teiler:" + str(cur_div)) 10. 11. else: print("Primzahl!") 12.

"Python-Computer"

"Speicher"

	to_test
Nächste Zeile	cur_div
7	

Bezeichner Wert

to_test 13

cur_div 3

2. $cur_div = 2$

- 3. while cur_div < to_test:
- 4. if to_test % cur_div == 0:
- 5. break
- 6. else:
- 7. $cur_div = cur_div + 1$
- 8. if cur_div < to_test:
- 9. print("Keine Primzahl!")
- 10. print("Teiler:" + str(cur_div))
- 11. else:
- 12. print("Primzahl!")

"Python-Computer"

"Speicher"

Nächste Zeile

3

Bezeichner	Wert
to_test	13
cur_div	4

Bedingung:

... and so on...

- 3. while cur_div < to_test:
- 4. if to_test % cur_div == 0:
- 5. break
- 6. else:

- 8. if cur_div < to_test:
- 9. print("Keine Primzahl!")
- 10. print("Teiler:" + str(cur_div))
- 11. else:
- 12. print("Primzahl!")

"Python-Computer"

"Speicher"

Nächste Zeile

3

Bezeichner	Wert
to_test	13
cur_div	13

Bedingung:

2. cur_div = 2

3. while cur_div < to_test:

- 4. if to_test % cur_div == 0:
- 5. break
- 6. else:
- 7. $cur_div = cur_div + 1$
- 8. if cur_div < to_test:
- 9. print("Keine Primzahl!")
- 10. print("Teiler:" + str(cur_div))
- 11. else:
- 12. print("Primzahl!")

"Python-Computer"

"Speicher"

Nächste Zeile

?

Bezeichner	Wert
to_test	13
cur_div	13

2. cur_div = 2

3. while cur_div < to_test:

- 4. if to_test % cur_div == 0:
- 5. break
- 6. else:
- 7. $cur_div = cur_div + 1$
- 8. if cur_div < to_test:
- 9. print("Keine Primzahl!")
- 10. print("Teiler:" + str(cur_div))
- 11. else:
- 12. print("Primzahl!")

"Python-Computer"

"Speicher"

Bezeichner	Wert
to_test	13
cur_div	13

Nächste Zeile

8

2. cur_div = 2

- 3. while cur_div < to_test:
- 4. if to_test % cur_div == 0:
- 5. break
- 6. else:
- 7. $cur_div = cur_div + 1$
- 8. if cur_div < to_test:
- 9. print("Keine Primzahl!")
- 10. print("Teiler:" + str(cur_div))
- 11. else:
- 12. print("Primzahl!")

"Python-Computer"

"Speicher"

Nächste Zeile

?

Bezeichner	Wert
to_test	13
cur_div	13

to_test = 13 cur_div = 2

- 3. while cur_div < to_test:
- 4. if to_test % cur_div == 0:
- 5. break
- 6. else:
- 7. $cur_div = cur_div + 1$
- 8. if cur_div < to_test:
- 9. print("Keine Primzahl!")
- 10. print("Teiler:" + str(cur_div))
- 11. else:
- 12. print("Primzahl!")

"Python-Computer"

"Speicher"

Bezeichner	Wert
to_test	13
cur_div	13

Nächste Zeile

12

- 2. cur_div = 2
- 3. while cur_div < to_test:
- 4. if to_test % cur_div == 0:
- 5. break
- 6. else:
- 7. $cur_div = cur_div + 1$
- 8. if cur_div < to_test:
- 9. print("Keine Primzahl!")
- 10. print("Teiler:" + str(cur_div))
- 11. else:
- 12. print("Primzahl!")

"Python-Computer"

"Speicher"

Nächste Zeile

_

Bezeichner	Wert
to_test	13
cur_div	13

Bedingung: