

b_busyBeaver

The LaTeX code that creates this quiz is released to the Public Domain
Attribution for each question is documented in the Appendix

Wednesday 14th November, 2018



Latex markup at

<https://en.wikiversity.org/wiki/special:permalink/1863376>

Contents

| | | |
|---------------|----------------------|----------|
| 1 Quiz | 2 Attribution | 4 |
| | 2 | |

1 Quiz

R=right L=left
A & B are states

| | A | B |
|---|-----|-----|
| 0 | 1RB | 1LA |
| 1 | 1LB | 1RH |

H = halt

1. If the machine is at A: 000000, what's next? 1

- A. B: 000010
- B. B: 000100**
- C. A: 000100
- D. A: 000010

R=right L=left
A & B are states

| | A | B |
|---|-----|-----|
| 0 | 1RB | 1LA |
| 1 | 1LB | 1RH |

H = halt

2. If the machine is at B: 000100, what's next? 2

- A. B: 000110
- B. A: 001100
- C. B: 000110
- D. A: 000110**

R=right L=left
A & B are states

| | A | B |
|---|-----|-----|
| 0 | 1RB | 1LA |
| 1 | 1LB | 1RH |

H = halt

3. If the machine is at A: 000110, what's next? 3

- A. B: 001100
- B. B: 000110**
- C. A: 000110
- D. A: 001110

R=right L=left
A & B are states

| | A | B |
|---|-----|-----|
| 0 | 1RB | 1LA |
| 1 | 1LB | 1RH |

H = halt

4. If the machine is at B: 000110, what's next? 4

- A. B: 00011
- B. B: 001110
- C. A: 001110
- D. A: 001110**

R=right L=left
A & B are states

| | A | B |
|---|-----|-----|
| 0 | 1RB | 1LA |
| 1 | 1LB | 1RH |

H = halt

5. If the machine is at A: 001110, what's next? 5

- A. B: 011110**

- B. H: 011110
- C. A: 011110
- D. H: 011110

R=right L=left
A & B are states

| | A | B |
|---|-----|-----|
| 0 | 1RB | 1LA |
| 1 | 1LB | 1RH |

H = halt 6

6. If the machine is at B: 011110, what's next?

- A. B: 011110
- B. H: 011110**
- C. A: 011110
- D. H: 011110

2 Attribution

Notes

- ¹ placed in Public Domain by Guy Vandegrift: <https://en.wikiversity.org/wiki/special:permalink/1863376>
- ² placed in Public Domain by Guy Vandegrift: <https://en.wikiversity.org/wiki/special:permalink/1863376>
- ³ placed in Public Domain by Guy Vandegrift: <https://en.wikiversity.org/wiki/special:permalink/1863376>
- ⁴ placed in Public Domain by Guy Vandegrift: <https://en.wikiversity.org/wiki/special:permalink/1863376>
- ⁵ placed in Public Domain by Guy Vandegrift: <https://en.wikiversity.org/wiki/special:permalink/1863376>
- ⁶ placed in Public Domain by Guy Vandegrift: <https://en.wikiversity.org/wiki/special:permalink/1863376>