**Cohort Exercise 5**

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**Question 2**

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| **Program Counter (line num)** | **Call Stack** | **Micro Queue** | **Promises** | **Macro Queue** | **Event Reg** | **Console Output** |
| 5 | [main()] |  | {promise1@5} |  |  |  |
| 8 | [main()] |  | {promise1@5, promise2@8} |  |  |  |
| 22 | [main()] |  | {promise1@5, promise2@8} |  | {ev1.run: function@22} |  |
| 26 | [main()] |  | {promise1@5, promise2@8} |  | {ev1.run: function@22, ev2.run: function@26} |  |
| 30 | [main()] |  | {promise1@5, promise2@8} |  | {ev1.run: function@22, ev2.run: function@26} |  |
| - | [main()] |  | {promise1@5, promise2@8} |  | {ev1.run: function@22, ev2.run: function@26} |  |
| - | [main(), ev2.run] |  | {promise1@5, promise2@8} |  | {ev1.run: function@22, ev2.run: function@26} |  |
| - | [main(), ev2.run] |  | {promise1@5, promise2@8} |  | {ev1.run: function@22, ev2.run: function@26} |  |
| - | [main(), ev2.run] |  | {promise1@5, promise2@8} |  | {ev1.run: function@22, ev2.run: function@26} |  |
| - | [main(), ev2.run] |  | {promise1@5, promise2@8} |  | {ev1.run: function@22, ev2.run: function@26} |  |

1. Since the provided JavaScript program enters an infinite cycle and does not terminate, there will be no console output.
2. Based on the provided JavaScript program, the execution enters a cycle when the event listener for the 'run' event on ev2 is triggered. The cycle includes the steps indicated by line 26 of the table.

During this cycle, no console output will be printed since the execution remains within the cycle and does not proceed further.