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| The micro:bit acts as input in your program, Marty’s action is the output. List other input/output pairs you know. |

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| |  |  | | --- | --- | | **Input** | **Output** | |  |  | |

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| Arrange the commands for Marty and the micro:bit, for the bingo game |
| |  |  |  | | --- | --- | --- | |  |  |  | |  | Free |  | |  |  |  | |

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| micro:bit  1 when A button pressed  2 when B button pressed  3 when tilted front  4 when tilted back  5 when tilted left  6 when tilted right  7 when A button pressed  8 when B button pressed  Marty  1 slide to the right  2 play sound excitement  3 walk forward  4 kick right leg  5 play sound confusion  6 kick left leg  7 walk backward  8 slide to the left |

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| **Create a plan for your code to get Marty to act, based on keystrokes.** |
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| **Detail any challenges you encountered.** |