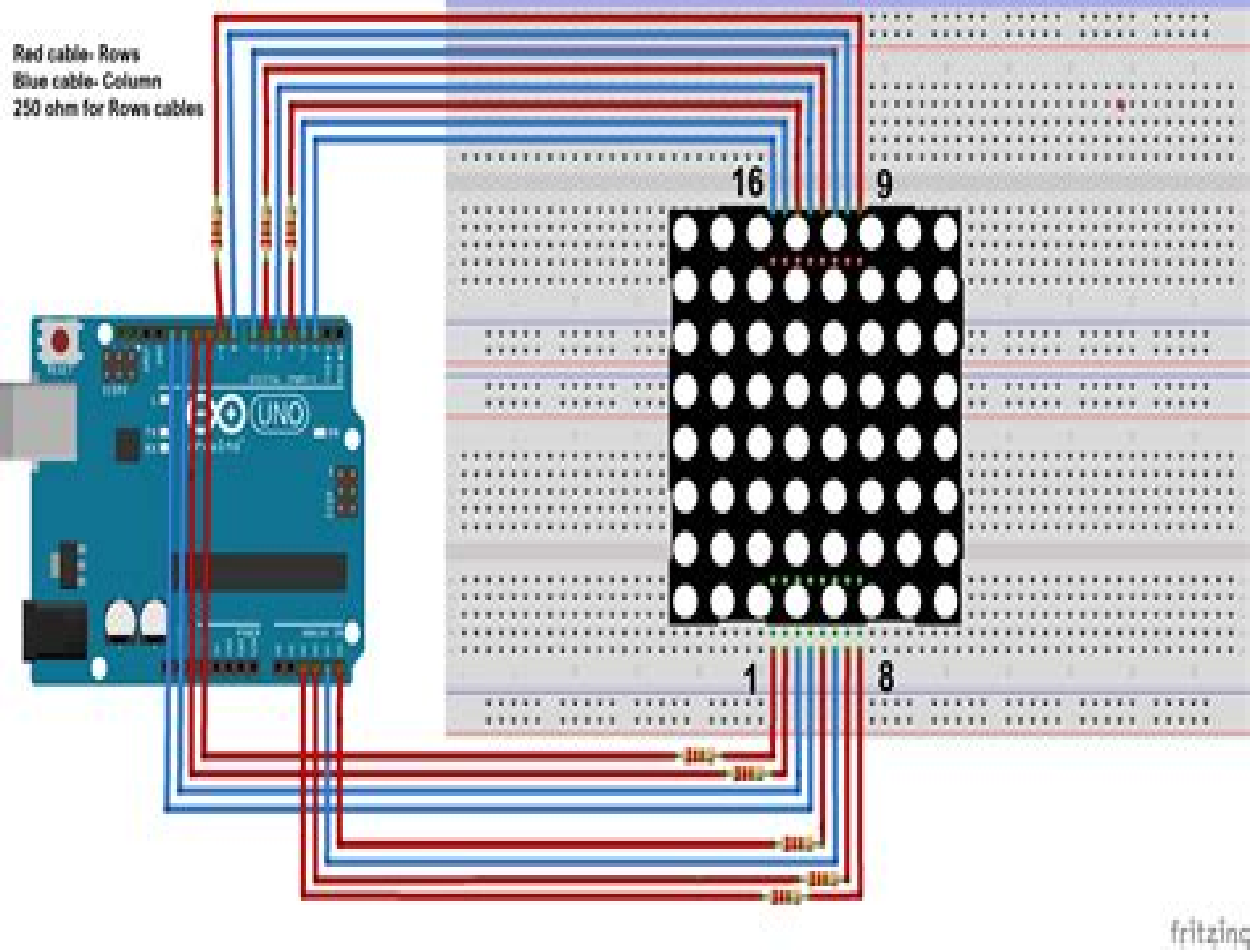
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Jicheng Xie

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in Computer Science Electronics Electrical Table of contents1 Introduction to Arduino2 Getting Started3 Writing Programs for Arduino4 LED Programming5 Programming with Push Buttons6 Analog Inputs and Various Buses7 Working With Displays8 Arrays strings and memory9 Working with Sound and Sensors10 More Sensors11 Arduino PWM12 Matrix Keypad And Security System13 SD Card Module IR Receiver and Relay14 Arduino Nano and Arduino Tian15 Miscellaneous Topics16 Important Questions Unsolved About the authorAshwin Pajankar is a polymath He is a Science Popularizer a Programmer a Maker an Author and a Youtuber He is passionate about STEM Science Technology Education Mathematics education He is also a freelance software developer and technology trainer He graduated from IIIT Hyderabad with M Tech in Computer Science and Engineering He has worked in a few multinational corporations including Cisco Systems and Cognizant for more than a decade His Website http www ashwinpajankar com His LinkedIn Profile https www linkedin com in ashwinpajankar

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