Mindluster Platform

About the course Functions in Arduino for IoT

Functions in Arduino for IoT course, in this course focusing on the fundamental role and practical implementation of functions within Arduino programming, specifically tailored for Internet of Things (IoT) projects. Throughout this course, participants will gain a deep understanding of the concepts surrounding functions, including both built-in and user-defined functions. By delving into topics such as function parameters, recursion, and function pointers, learners will acquire the essential skills needed to modularize code effectively, enhance code reusability, and improve overall program structure in IoT applications. Through a combination of theoretical lessons, hands-on exercises, and real-world examples, participants will develop the proficiency to leverage functions for efficient and scalable IoT development. Let's dive into Functions in Arduino for IoT and unlock the potential to create innovative IoT solutions.

Computer Softwares Category's Courses

Course Lesson(37)

Lesson 1 : **Lec 1 1 Introduction to IOT in Hindi**

Lesson 2 : **Lec 1 2 Things in IOT in Hindi**

Lesson 3 : **Lec 1 3 Functional block of IOT in Hindi**

Lesson 4 : **Lec 1 4 IOT Communication Model in Hindi**

Lesson 5 : **Lec 1 5 IOT Communication API s in Hindi**

Lesson 6 : **Lec 1 6 IOT Protocols in Hindi**

Lesson 7 : **Lec 1 7 Characteristics of IOT in Hindi**

Lesson 8 : **Lec 1 8 IOT Enabling Technologies in Hindi**

Lesson 9 : **Lec 1 9 Physical Design of IOT in Hindi**

Lesson 10 : **Lec 1 10 Logical Design of IOT in Hindi**

Lesson 11 : **Lec 2 1 Breadboard It s Internal Connection in IOT in Hindi**

Lesson 12 : **Lec 2 2 LED and It s Connection in IOT in Hindi**

Lesson 13 : **Lec 2 3 Sensors Actuators in IOT in Hindi**

Lesson 14 : **Lec 2 4 Types of Sensors difference between Sensors in IOT in Hindi**

Lesson 15 : **Lec 2 5 Tricolor LED in IOT in Hindi**

Lesson 16 : **Lec 2 6 Resistors in IOT in Hindi**

Lesson 17 : **Lec 3 1 Components of Basic IOT Network in Hindi**

Lesson 18 : **Lec 3 2 Types of Network Connections How Data Travel through them in IOT in Hindi**

Lesson 19 : **Lec 3 3 Understanding of Arduino Communication Protocol in IOT in Hindi**

Lesson 20 : **Lec 3 4 UART Communication Protocol Arduino in IOT in Hindi**

Lesson 21 : **Lec 3 5 SPI Communication Protocol in Arduino in IOT in Hindi**

Lesson 22 : **Lec 3 6 I2C Inter Integrated Circuit Communication Protocol Arduino in IOT**

Lesson 23 : **Lec 3 7 Ethernet Communication Protocol Arduino in IOT in Hindi**

Lesson 24 : **Lec 3 8 Wireless Protocols used in Arduino in Hindi**

Lesson 25 : **Lec 4 1 Introduction to Arduino It s Component in IOT Chapter 4 Part I in Hindi**

Lesson 26 : **Lec 4 2 Installation of Arduino IDE in IOT in Hindi**

Lesson 27 : **Lec 4 3 Functions of Arduino in IOT in Hindi**

Lesson 28 : **Lec 4 4 Variable Scope of Variable in Arduino in IOT in Hindi**

Lesson 29 : **Lec 4 5 Loop Concept in Arduino in IOT in Hindi**

Lesson 30 : **Lec 4 6 Data Types in Arduino in IOT in Hindi**

Lesson 31 : **Lec 5 1 Machine to Machine or M2M technology in IOT in Hindi**

Lesson 32 : **Lec 5 2 M2M Applications Examples in IOT in Hindi**

Lesson 33 : **Lec 5 3 Difference between M2M IOT in Hindi**

Lesson 34 : **Lec 5 4 IOT WOT Difference between IOT WOT in Hindi**

Lesson 35 : **Iot MCQ based question MCQ question on Iot in Hindi**

Lesson 36 : **Iot MCQ based Questions Part 2 Iot in hindi**

Lesson 37 : **Software Defined Networking SDN Advantages Disadvantages of SDN in Hindi**

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