

Internet of Things (IoT) Practical (PR4) – JAN 2026

Exam Date: 12 FEB 2026

Question 1

Write a program to build a soil moisture-based automatic irrigation system.

Question 2

Write a program to print “Hello World!” to the LCD (Liquid Crystal Display) and shows the time in seconds since the Arduino was reset.

Question 3

Write a program to interface four LEDs (pins 10, 11, 12, 13) and a push button (pin 2) to toggle the LED states as follows: first press: Blink all LEDs simultaneously (1 sec delay), second press: Turn off all LEDs, third press: Blink LEDs alternatively (even first, then odd; 0.5 sec delay), repeat the sequence on subsequent presses.



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