Experiment No 2

Aim: To study installation of Ardvino

Objective: 1. To study installation of Ardvino programming
2. To understand Ardvino IDE

Outcome: Able to write program for Sensor,

Theory:

The Ardvino software is easy-to-use for beginners yet flexible enough for advanced users. It runs on max, Windows and Linux. Teachers and students use it to build low cost scientific instruments to prove chemistry and physics principles or to get started with programming and robotics.

Ardvino is open source electronics platform

Ardvino is open source electionice platforms
based on easy-to-use hardware and rottware
Ardvino boards are able to read inputslight on a sensor, a finger on a button
and two it into an output-activating
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	Types of Ardvino:
/	TArduino UNO: The Arduing UNO uses
	Atmega 16U2 microcontroller that
	helps to increase transfer rule and
	contain large memory compared to
	other boards. The Ardvino Uno consists
	SCL and SDA pins also.
	Lilytad Ardvino: The Lilypad Ardvino is
	considered as another ardying board type.
	This is designed for integrating with
	wearable projects and e-textile projects.
	This board uses the Atmega 328 microcontrolle
	and Ardvino bootloader in it.
	Ardvino Read board: The Ardvino Red Board
	uses mini USB cable for getting programmed
	and Ardvino IDF is used for this purpose.
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	Ardvino Shields: The Ardvino shields are considered
	as pre-build circuit boards that are used to
	connect other Ardvino boards.
	Conclusion:
	Thus, we learn't about prage of Apolino its
	importance, its usage and also about various
	type).
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