Experiment 1

Aim:

Installation of different software and familiarization with IoT devices.

Objective:

To study IoT, their characteristics of components and basic awareness of Arduino/ Raspberry Pi.

Outcomes:

Students will be able to understand IoT, Arduino, Raspberry Pi and also be able to install software setup for Arduino and Raspberry Pi.

Prerequisites:

Fundamentals of Operating Systems.

Hardware Requirement:

Arduino basic kit or Raspberry Pi starter kit.

Software Requirement:

Can be installed on LINUX and stripped down IoT version of Windows 10.