

King Abdul Aziz University
Faculty of Engineering - Girls' campus
Training Unit



الشؤون التعليمية

جامعة الملك عبد العزيز
كلية الهندسة - شطر الطالبات
وحدة التدريب

Student Training Weekly Notes (Week 7)

Student's Information	Name of Student:		Name of Organization:	Deanship of Information Technology
	University No:		Specialization:	Electrical and Computer Engineering

Sunday 17/7/2016	1- I read the two tutorials which are: how to connect the Azure IoT Starter kit to the Remote Monitoring preconfigured solution from Azure IoT Suite and use Azure IoT services to create my own IoT architecture.
Monday 18/7/2016	1- I read about the process of taking the Microsoft Azure IoT Starter Kit for Raspberry Pi 2 and Pi 3, and using it to develop a temperature and humidity reader that can communicate with the cloud using the Raspbian OS and Microsoft Azure IoT SDK. 2- Setting up the environment on Azure using the Microsoft Azure IoT Suite Remote Monitoring preconfigured solution.
Tuesday 19/7/2016	1- Setting the device and sensors up so that it can communicate with both the computer, and Azure IoT. 2- Setting up the Raspberry Pi with Raspbian operating system.
Wednesday 20/7/2016	1- Connecting the Raspberry Pi to a network, and give it access to the Internet. 2- Giving the device a static IP address.

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Thursday
21/7/2016

- 1- Configuring the Remote Monitoring device sample.
- 2- Updating the device code sample to include our connection data.
- 3- Updating the Connection String.
- 4- Building the Modified Sample.

- (Please fill this form electronically day by day even though you were absent one-day write that you were absent, and send it every Friday by 12:00 a.m. MAX.)