

**CS-308**  
**CLASS ASSIGNMENT - 1**

**2<sup>nd</sup> Feb, 2015**

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**Task -1 Description:-**

We all see many electronic gadgets around us everyday. Also, we use many of them. They make our life easy and convenient. Some of these devices have the ability to learn and adapt themselves according to the change in environment. We call such embedded devices as Smart Devices.

So, here is a quick exercise. You have to name at least 5 Smart Devices with their components (and the components' job in the device)\*.

\* = optional part

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**Task-2 Description:-**

Real-Time tasks are deadline critical tasks which the system must perform before the task's deadline ends, otherwise it will have to bear the penalty. Based, on the severity of the penalty, the real-time tasks are categorised further.

So, here is a quick exercise. Suppose, you are going to airport to catch your flight. Think and write all the tasks which you shall perform while going to airport. Also, identify the type of deadline each task is associated with.

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**Submission Details:**

This assignment is to be submitted in two parts. For the first part, you have to write down some questions on a sheet of paper which you came across while reading more about these topics. For the second part, you have to answer above questions and submit the file <roll\_no.txt> on moodle. You have to do this assignment individually, NOT in group.

**1<sup>st</sup> Part Submission Deadline : 4<sup>th</sup> Feb, 2015 after the class**

**2<sup>nd</sup> Part Submission Deadline : 6<sup>th</sup> Feb, 2015 - 11:55 PM**

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