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Day - 1	Day - 2
Session 1: Overview of Yocto Project o Organization of project source tree o Building a root filesystem image using the Yocto Project **Exercises** o Downloading a Poky reference build system o Building a system image **Session 2: Yocto Components** o Understanding Bitbake o Understanding Layers & Classes o Using the Global & Local Variables o Creating the Package **Exercises** o Download & configure the bit bake o Add the Layer & Create the class o Inherit the Class in the new layer o Create the recipe & extend it o Create the package	**Session 3: Bootloaders With Yocto** o Browse through the available bootloader recipes o Patching, Configuring & Building the bootloaders **Exercises** o Create the patches for the bootloaders **Session 4: Configuring & Building the Kernel with Yocto** o Browse through the kernel recipes o Patching the Kernel o Building the Kernel **Exercises** o Configuring the Kernel o Create the configuration fragments o Create & apply the patches o Building & Testing the Kernel

Day - 3

- **Session 5: Root Filesystem With Yocto**
  - o Looking at available Root Filesystem recipes
  - o Appending the available recipes
  - o Creating the Ram disk Image

- **Exercises**
  - o Add an recipe for the Root Filesystems
  - o Add the relevant packages to the Root Filesystems
  - o Boot up with the created Root Filesystem
  - o Adding the pre & post Process command to rootfs image

- **Session 6: Writing a BSP**
  - o Extending an existing BSP
  - o Adding a new machine
  - o Adding a Bootloader & Kernel Version

- **Exercises**
  - o Extend the kernel recipe to add the driver