MA122 -Computer Programming and Applications

Structure, Linux terminal

making and changing directory, files path

My first program

# MA122 - Computer Programming and Applications

Indian Institute of Space Science and Technology

January 11, 2017

## Lecture 1 - Introduction to Linux and Programming

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Directory structure, Linux terminal

making and changing directory, files path

My first program 1 Directory structure, Linux terminal

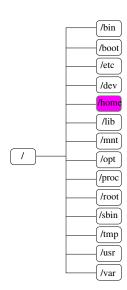
2 making and changing directory, files, path

## Filesystem Hierarchy Standard (FHS)

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My first program **1** Shell: a program that takes commands from the keyboard and gives them to the operating system to perform.

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- 4 command prompt: [sudheesh@pacs  $\sim$ ]\$

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## Making and changing directory

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- Making directory:
  - lacksquare [sudheesh@pacs  $\sim$ ]\$ **mkdir lecture1**
- Changing directory:
  - [sudheesh@pacs ~]\$ cd lecture1

#### Path

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- 1 path: a unique location to a file or a folder in a file system
- 2 pwd-print working directory
- **3** Changing to a directory using path name:
  - [sudheesh@pacs ~]\$ cd /home/sudheesh/lecture1/

#### Text book

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My first program C++ Primer Plus Stephen Prata (Author) Publisher: Pearson; Sixth edition

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### My first program

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```
#include <iostream> // a PREPROCESSOR directive
2 int main() // function header
3 {
                       // start of function body
  using namespace std;
  // make definitions visible
  cout << "Come up and C++ me some time."; // message</pre>
8
  cout << endl; // start a new line</pre>
10
  cout << "You wont regret it!" << endl;</pre>
   // more output
12
13
  return 0; // terminate main()
15
16 } // end of function body
```