MA122 -Computer Programming and Applications

Directory 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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Filesystem Hierarchy Standard (FHS)





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My first program 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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1 Making directory:

[sudheesh@pacs ~]\$ mkdir lecture1

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- 2 Changing directory:
 - [sudheesh@pacs ~]\$ cd lecture1

Path

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My first program

- **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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```
1 #include <iostream> // a PREPROCESSOR directive
2 int main() // function header
3 {
                       // start of function body
  using namespace std;
  // make definitions visible
5
6
  cout << "Come up and C++ me some time."; // message
7
8
  cout << endl; // start a new line
9
10
  cout << "You wont regret it!" << endl;</pre>
11
   // more output
12
13
  return 0; // terminate main()
14
15
16 } // end of function body
```

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