**IT-5423 - Lab 1**

**Total Points: 100**

**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

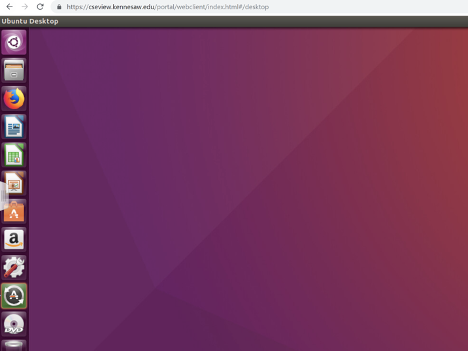
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**Initial Activities**

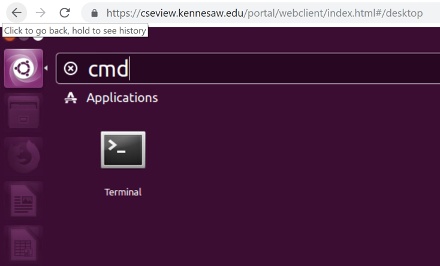
* Login to CSEView: [**https://cseview.kennesaw.edu/portal/webclient/index.html#/desktop**](https://cseview.kennesaw.edu/portal/webclient/index.html#/desktop)
* Select the Ubuntu VM of our class IT-5423
* Click on Administrator
* Password: linuxadmin (all lowercase)

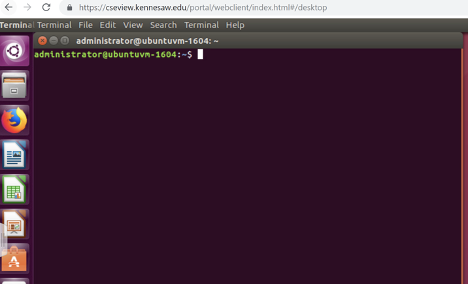
**What you need to expect**

**You should be able to login and see a screen below.**

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**Now, open a command terminal:**

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**Apply the following commands and test or interpret the output. See website or linux manual page as needed.**

· echo hello world

· date

· hostname

· man ls (you may need to press q to quit)

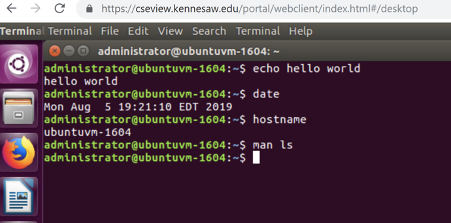
· who am i

· cal 2018

· history

· clear

**As an example, screenshot shown below.**

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**Lab Content**

**i) For each command below (1-10), answer the following questions: [10\*7 = 70 points]**

**What does the command do? Show an example usage and provide a screenshot.**

**Hint: You may look up answers from** [**http://www.informit.com/blogs/blog.aspx?uk=The-10-Most-Important-Linux-Commands**](http://www.informit.com/blogs/blog.aspx?uk=The-10-Most-Important-Linux-Commands) **or any other website.**

**1. ls**

**2. cd**

**3. mv**

**4. man**

**5. mkdir**

**6. rmdir**

**7. touch**

**8. rm**

**9. locate**

**10. clear**

**ii) Explain the difference between embedded and distributed operating systems. [10 points]**

**iii) Briefly describe how the Linux system was developed. Cite sources of your answers. [10 points]**

**iv) How to display hidden files? Write the command and provide a screenshot on your Linux terminal to show the result. [10 points]**

**[hint:** [**https://www-uxsup.csx.cam.ac.uk/pub/doc/suse/suse9.0/userguide-9.0/ch24s04.html**](https://www-uxsup.csx.cam.ac.uk/pub/doc/suse/suse9.0/userguide-9.0/ch24s04.html)**]**