**prep week: BASH**

BASH basics

The following exercise contains the following subjects:

● BASH basics

**Instructions**

1. Exploring a Secret Agent's Hideout

1. You've been hired to simulate a bash exercise for a group of beginner developers. In this scenario, you'll be navigating through directories, investigating files, and performing various tasks within a virtual secret agent's hideout.
2. Start by creating a directory named "SecretHideout" using the `mkdir` command.
3. Move into the "SecretHideout" directory using the `cd` command.
4. Inside the hideout, create three directories: "MissionReports," "TopSecretFiles," and "Tools."
5. Use the `ls` command to list the contents of the "SecretHideout" directory. What do you see?
6. Move into the "TopSecretFiles" directory using the `cd` command.
7. Create a file named "AgentList.txt" using the `touch` command.
8. Use the `echo` command to add your name and two other agent names to "AgentList.txt".
9. Display the contents of "AgentList.txt" using the `cat` command.
10. Return to the "SecretHideout" directory.
11. Create a text file named "MissionBriefing.txt" inside the "MissionReports" directory.
12. Add a mission briefing message to "MissionBriefing.txt" using the `echo` command.
13. Use the `cat` command to display the contents of "MissionBriefing.txt" directly in the terminal.
14. You've received an order to move "MissionBriefing.txt" to the "TopSecretFiles" directory. Use the `mv` command to do so.
15. Rename "AgentList.txt" to "AgentRoster.txt" using the `mv` command.
16. Remove the "Tools" directory and its contents using the `rm` command.
17. Display the contents of the "SecretHideout" directory using the `ls` command.
18. You want to move all the files from the "TopSecretFiles" directory to the "MissionReports" directory. How can you do this using the `mv` command?
19. Navigate to the "TopSecretFiles" directory.
20. Display the contents of the "TopSecretFiles" directory page by page using the `less` command.
21. Use the `pwd` command to display the current directory path, and redirect the output to a file named "CurrentLocation.txt".

2. send me the answers in pdf format to [shhadys@appleseeds.org.il](mailto:shhadys@appleseeds.org.il) . Later in the course you will upload the answers to moodle.