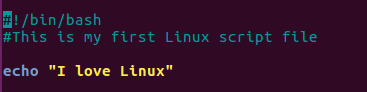
**Handout Review Creating Scripts – Understanding Basic Security**

**First Script File**

1. Launch Ubuntu: Make sure that you’re in YOUR **home/user** Directory.
   * + - 1. Enter **nano test1**
         2. Enter **#!/bin/bash**
         3. Enter **#This is my first Linux script file**
         4. Enter **echo “I Love Linux”**
         5. Press **CONTROL KEY plus Letter O**
         6. Press **Enter**
         7. Then **CONTROL KEY plus Letter X (will exit nano)**
         8. Enter **chmod a+x test1**
         9. Enter **./test1**

**See example below**

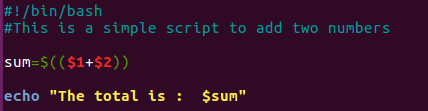


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**Add Script File (using Variables)**

1. Launch Ubuntu: Make sure that you’re in YOUR **home/user** Directory.
   * + - 1. Enter **nano add**
         2. Enter **#!/bin/bash**
         3. Enter **#This is a simple script to add two numbers**
         4. Enter **sum = (($1 +$2)**
         5. Enter **echo “The total is : $sum”**
         6. Press **CONTROL KEY plus Letter O**
         7. Press **Enter**
         8. Then **CONTROL KEY plus Letter X (will exit nano)**
         9. Enter **chmod a+x add**
         10. Enter **./add 50 100**

**See below for example**



**Copy and Read Script Files**

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1. Launch Ubuntu: Make sure that you’re in YOUR **home/user** Directory.
   * 1. Create files big.c and big.cc
        + 1. Enter **echo “This is information in file big.c” > big.c**
          2. Enter **echo “This is information in file big.cc” > big.cc**
          3. Enter **cat big.c** (*to verify content***)**
          4. Enter **cat big.cc** *(to verify content)*
     2. Create the script using the following steps (use the nano text editor, the easiest!):
        + 1. Type the following text**: nano cp1**
          2. Type the following text: **#!/bin/bash**
          3. Type the following text: **echo “Information in $1 before copy command”**
          4. Type the following text: **cat big.c**
          5. Type the following text: **cp $2 $1**
          6. Type the following text: **echo “===================================’’**
          7. Type the following text: **echo “Information in $1 after copy command”**
          8. Type the following text: **cat big.c**
          9. **Press CONTROL KEY plus Letter O**
          10. **Press Enter**
          11. **Then CONTROL KEY plus Letter X (will exit nano)**
          12. Enter **chmod a+x cp1**
          13. Enter **./cp1 big.c big.cc**
          14. Basically, the data/content from file big.cc has been copied to file big.c
          15. Verify by using the cat command….**cat big.c** and then **cat big.cc**
2. How to read in Data
   * 1. Simple readname script
        + 1. **nano readname.txt**
          2. Type the following text: **#!/bin/bash**
          3. Type the following text: **echo “Please enter for your name”**
          4. Type the following text**: read $name**
          5. Type the following text: **echo $name**
          6. **Repeat steps i-k from above**
          7. Enter **chmod a+x readname.txt**
          8. Enter **./readname.txt**