1. Research how to create a hidden file and how to display it using ls command.

 To create a hidden file use command mkdir .filename

**Answer -** To display a hidden file use command ls -a

2. Research how to create multiple nested directories with one mkdir command.  
E.g. How would you create 'fun' directory along with all directories in the path below:  
/c/Users/unmesh/these/folders/are/just/for/fun

**Answer -**To create multiple nested directories with one mkdir command is

mkdir -p smitha/these/folders/are/just/for/fun

3. Execute following commands terminal:  
echo "test" > fun  
echo "another test" >> fun  
wc -c fun

Verify number of characters in the file.

**Answer** - Number of characters in the file is 18

4. Research how to append something in the file \*WITHOUT\* a newline character.  
E.g.  
echo "test" > fun  
echo "another test" >> fun  
cat fun  
Output of "cat fun" is  
test  
another test

How would you use echo command, so that output would be:  
testanother test

**Answer** -echo "test""another test" use this command to get the required output.