1. Write a command that replaces “apple” to “orange” in *vi* editor

1. Write the outputs of the following shell program:

#!/bin/bash

THIS="Hello World"

echo “THIS”

1. Give the output of the following program

for *i* in {1..4} do echo –n “$*i* “ done

for *i* in 5 6 7 8 do echo –n “$*i* “ done

echo

1. Explain the following commands

* 1. [ $# -eq 0 ] && { echo “TEST”; exit 1;}

* 1. ls –al > $1

1. Give the output of the following shell program

|  |
| --- |
| #!/bin/bash HELLO=Hello function hello { HELLO=World echo $HELLO } echo $HELLO hello  |

1. Write a shell program doing the following

|  |  |
| --- | --- |
| •  | Print multiple messages “*Welcome $i.*” using an ***until do done*** loop.  |
| •  | The initial variable *i* is 1, and then increments and displays out the message until *$1* (the first command-line parameter).  |

1. Write a shell program, called **mycopy** meeting the requirements below

|  |  |
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| •  | If there are no command-line parameters or more than three parameters, **echo “Usage: mycopy <source> <destination>”**  |
| •   | If there is a single parameter, do **cp $1 FileName\_Copy.xxx** , where FileName is the file name in $1 and xxx is the file extension in $1  |
| •  | For example, **mycopy test.txt** will generate **test\_copy.txt**   |
| •  | If there are two parameters (i.e., $1 and $2), **cp $1 $2**  |