



mca@localhost:~



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```
[mca@localhost ~]$ vi function.sh
[mca@localhost ~]$ chmod +x function.sh
[mca@localhost ~]$ ./function.sh
hello world welcome mes
return value is 10
[mca@localhost ~]$ vi add.sh
[mca@localhost ~]$ vi addfun.sh
[mca@localhost ~]$ chmod +x addfun.sh
[mca@localhost ~]$ ./addfun.sh
sum is 30
[mca@localhost ~]$ vi factorialfun.sh
[mca@localhost ~]$ chmod +x factorialfun.sh
[mca@localhost ~]$ ./factorialfun.sh
./factorialfun.sh: line 4: syntax error near unexpected token `then'
./factorialfun.sh: line 4: `    if[$1 -le 1]; then'
[mca@localhost ~]$ vi factorialfun.sh
[mca@localhost ~]$ chmod +x factorialfun.sh
[mca@localhost ~]$ ./factorialfun.sh
./factorialfun.sh: line 6: syntax error near unexpected token `else'
./factorialfun.sh: line 6: `    else'
[mca@localhost ~]$ vi factorialfun.sh
[mca@localhost ~]$ chmod +x factorialfun.sh
[mca@localhost ~]$ ./factorialfun.sh
enter the number
2
factorial is 0
[mca@localhost ~]$ ./factorialfun.sh
enter the number
5
factorial is 0
[mca@localhost ~]$ vi factorialfun.sh
[mca@localhost ~]$ chmod +x factorialfun.sh
[mca@localhost ~]$ ./factorialfun.sh
Enter a number
3
factorial is 6
[mca@localhost ~]$
```



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#!/bin/bash

fact()

{

n=\$1

fact=1

while [ \$n -gt 1 ]

do

((fact=fact\*n))

((n=n-1))

done

return \$fact

}

echo "Enter a number"

read no

fact \$no

fact=\$?

echo "factorial is \$fact"

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