1) Write a shell script to find greatest among 3 numbers Source Code echo "Enter 3 numbers:" read a b c if ["\$a" -ge "\$b"] && ["\$a" -ge "\$c"]; Hen elif ["\$b" -ge "\$a"] & L"\$b" -ge "\$c"]; then else man=\$c echo "The greatest number is: \$max" Output Enter 3 numbers: The greatest number is: 5 2) Write a shell script to check even or odd. Source Code echo "Enter a number" read a a='eapr \$a 1.2' if [\$a -eq 0] echo "\$a is even" else echo "fa is odd" fi 1 Enter a number 4 is even

@ Enter a number 5 is odd

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3) Write a shell script to perform swap between 2 variables.
   Source Code
   echo "Enter a"
   read a
   echo "Enter b"
   read b
   echo "Before Swapping"
   echo "a = $a"
   echo "b = $b"
   a = 'expr $a+$b'
   b = 'eapr $a - $b'
  a = 'expr $a - $6'
   echo "After Swapping
   echo "a = $a"
   echo "b = $b'
   Output
   Enter a
  4
Enter b
  Before Swapping
   a=4
   b=5
  After Swapping
  a=5
4) Write a shell script to find factorial of a number
  Source Code
   echo "Enter a number"
  read a
  f=1
  for ((i=1; i<=$a; i++))
  do f = 'expr $f ** $i'
  echo "factorial: $f"
  output
   Enter a number
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5 factorial:120

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5) Write a shell script to calculate GCD between 2 numbers.
   Source Code
   echo "Enter two numbers"
   read a b
  while [$a -ne $b]
  do
if [$a -gt $b]
    then
       a='expr $a-$b'
      b= 'expr $6-$a'
     fi
  done
  echo "GCD: $a"
  Output
  Enter two numbers
   5 15
  GCD: 5
6) Write a shell script to calculate LCM between 2 numbers.
   Source Code
   echo "Enter two numbers"
   read a b
   n = $a
   4=$b
   while [$a -ne $6]
  do if [ $a - 1t $b]
     then
        a = 'expr $a+ $x'
     else b = 'expr $6+$y'
     fi
  done
  echo "LCM: $a"
  Output
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Enter two numbers 5 15 LCM: 15