6/12/22 LAB-5) Shell script to print the combinations of numbers 123: #1/bin/sh for i in 1 2 3 do for j in 1 2,3 From " Cold " I a I I I I I'm loak in 1 do echo \$i \$i \$k done done done Output: 2 3 2 1 2 2 3 3 3 2 3 1 2 21 213 231 2 3 2 2 3 3 311 1 2 3 1 3

2) Shell script to display the pass class of a student #! /ben/sh echo "Enter your marks" Quiput: Enter your marks read marks il [\$marks -le 40] 45 Pass echo " ail" (CA) + M 1 / grows elil [\$ marks -ge 40] I'm's on my policy echo "pass" elif [\$marks-ge 40] && [\$marks-le 59] then echo "result: Second class" ((N) NOT)) 2 - NO elif [fmarks -ge 66] & U [\$marks -le 85] ((N) + 001)) N then echo " result: First class" then [tmarks -gt 85] echo "result: Distinction" 240.5 3) Shell script to find the Fibonacci series up to n: will and " als #1/bin/bash echo a Enter the end limit" nead n n1 = 0 echo « \$ n1 \$ n2 \ c" 12=1 while [\$n gt 2] wm = \$ ((\$n2+ \$n1)) echo = e \$ num \c" on these fire or n1 = \$n2 when meet in the cold yell n2 = \$num n = \$((\$n-1))done Output: Enter the end limit 1 2 3 5 8 13 21 34

4) Shell script to find GCD and LCM: rano, gcd. sh #1/bin/bash echo retuter two numbers" read m nead n temp= \$ (((m*\$n)) while [\$m -ne \$n] do il [\$m -gt \$n] then In was so i him a ? Only m=\$((\$m-\$n)) of the good of the n = \$((1m-1m)) done echo "GCD = \$n" LCA1 = \$ ((\$ temp/\$ n)) echo "LCM: \$LCM" output: Enter two numbers 10 20 GCD = 10 5 26 - 03 1 L CM = 20 3) Take filenames as arguments and searches for a Specific word on these files one by one and stops the search as soon as the world is found # 1/bin/bash (1 142.) lon | en \$2 \$3 \$4 21012 grep -1 "\$1" \$1 done sh greposh "bin" gedish fibish a tet Output: gcd.sh fib . sh