

Questions for Lab 4:

1.

Write a script that displays number of days between two dates. The dates must be input via calendar box of dialog utility.

(5+5)

2. ASCII to Integer

The `atoi` function in C converts a string character to an integer. Write a shell script function that performs the same operation. Likewise, write a shell script function that does the inverse, mirroring the C `itoa` function which converts an integer into an ASCII character.

Now make use of these functions in another shell script by sourcing the original. Now convert an input number to a string and then back to an integer and print the same.

3.

Convert Roman numbers to Arabic and vice versa. Write separate functions. You can work with the range 1-3000