

Lab 12

COAL

Q1: Write a program that prints the input value 0 to 15 into its corresponding binary value using the shift and rotate instructions. Pass the argument to the procedure and the procedure should perform all the operations and print its binary value. e.g.,

Enter the number (0-15): 9

The binary of 9 is: 1 0 0 1

Note: The input value should be from 0 to 15. There should be validation checks for it.