

Operating Systems Assignment 1

Question 3:

To make the directory we have used the mkdir command. Then we are taking input line by line. In temp we are storing a line of input. After this we are extracting the first value for temp and storing it in the first variable. Same we are doing for the second and third value. Then, We have used a case statement to evaluate the value of operation. Then we check if the operation is xor it will do bitwise xor on the first and second variable and will store the result in ans variable. Then, we check if the operation is a product. It will do the multiplication of the first and second variable and will store the result in ans variable. Then, we check if the operation is compare. It will check which one is greater and will store the greater value in ans variable. We have used the -gt flag to know which variable is greater. If operation does not match with anyone it will store Unknown operation in ans. Then we are storing the final output in the output.txt file and also all the inputs are read from the text file named input.txt.