**Muhammad Abdullah**

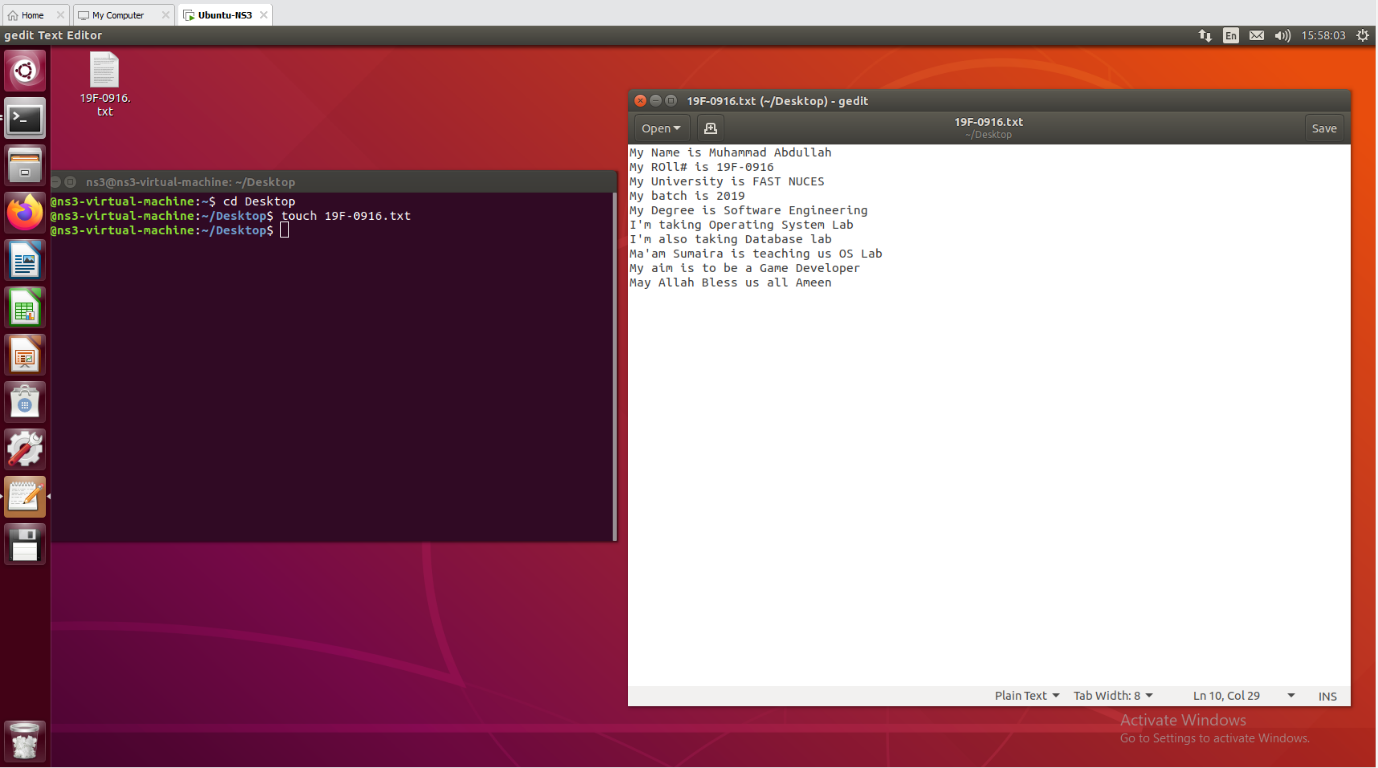
**SE (4A) | 19F-0916**

OS LAB 2

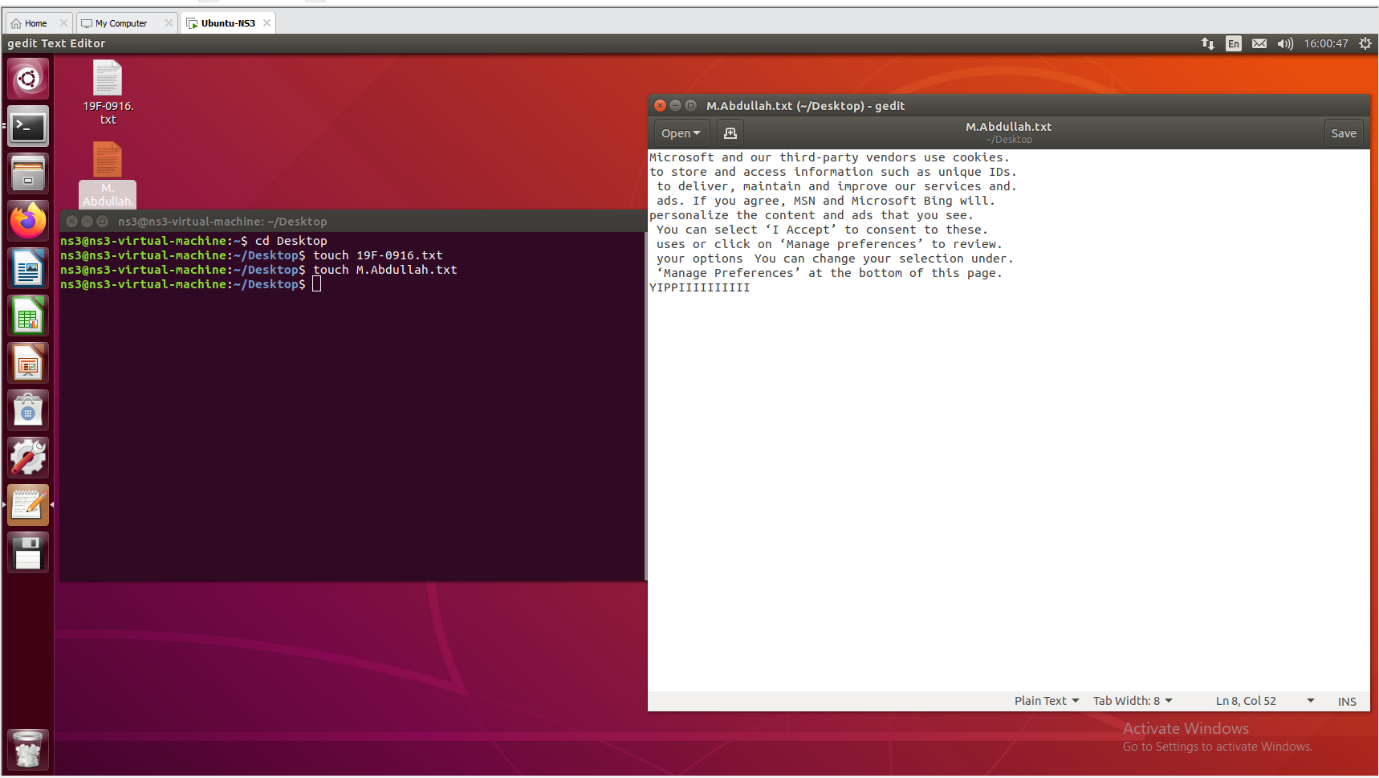
LAB 2 FOR OPERATING SYSTEMS

**TASK 1:**

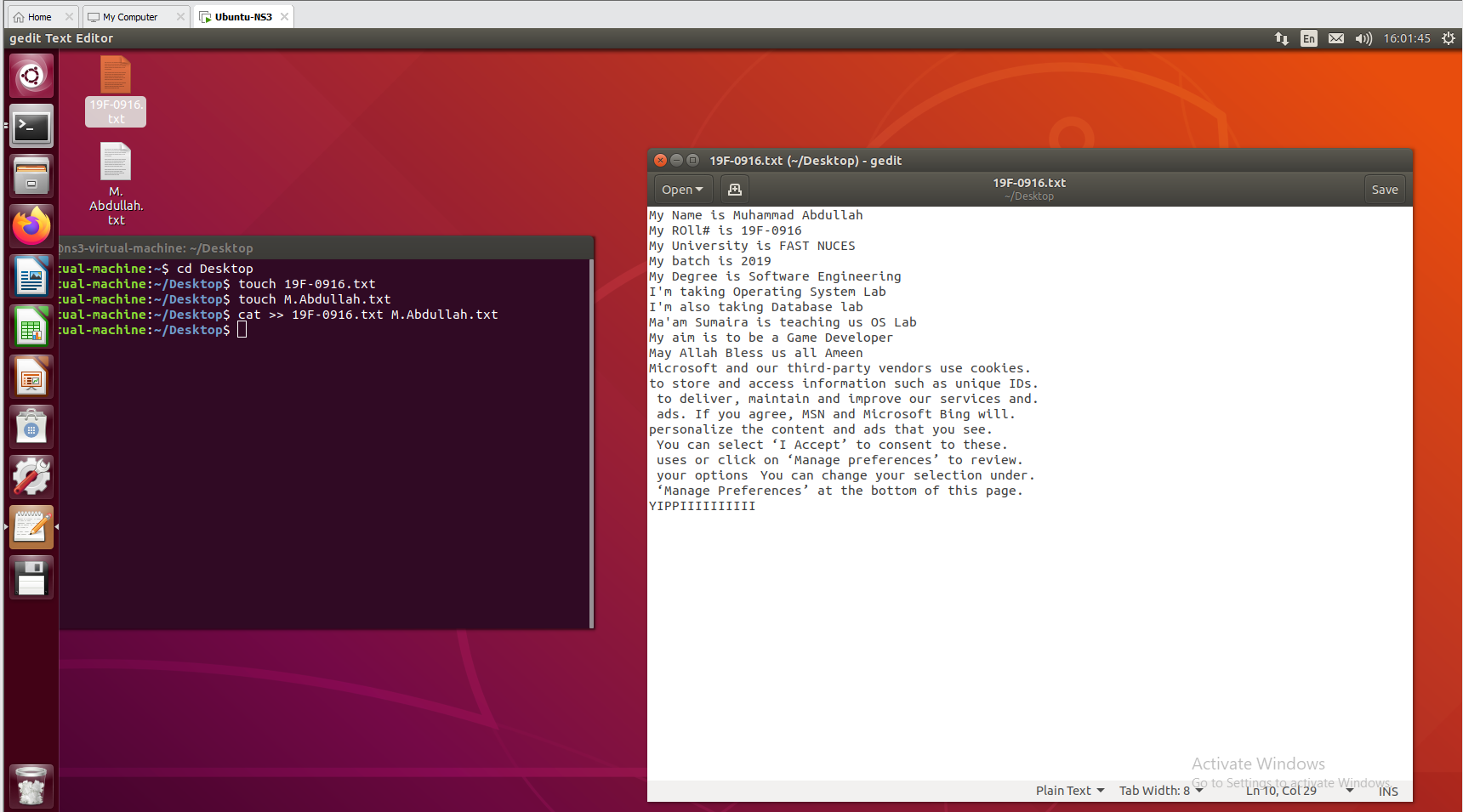
**MAKING FILE WITH ROLL#**

****

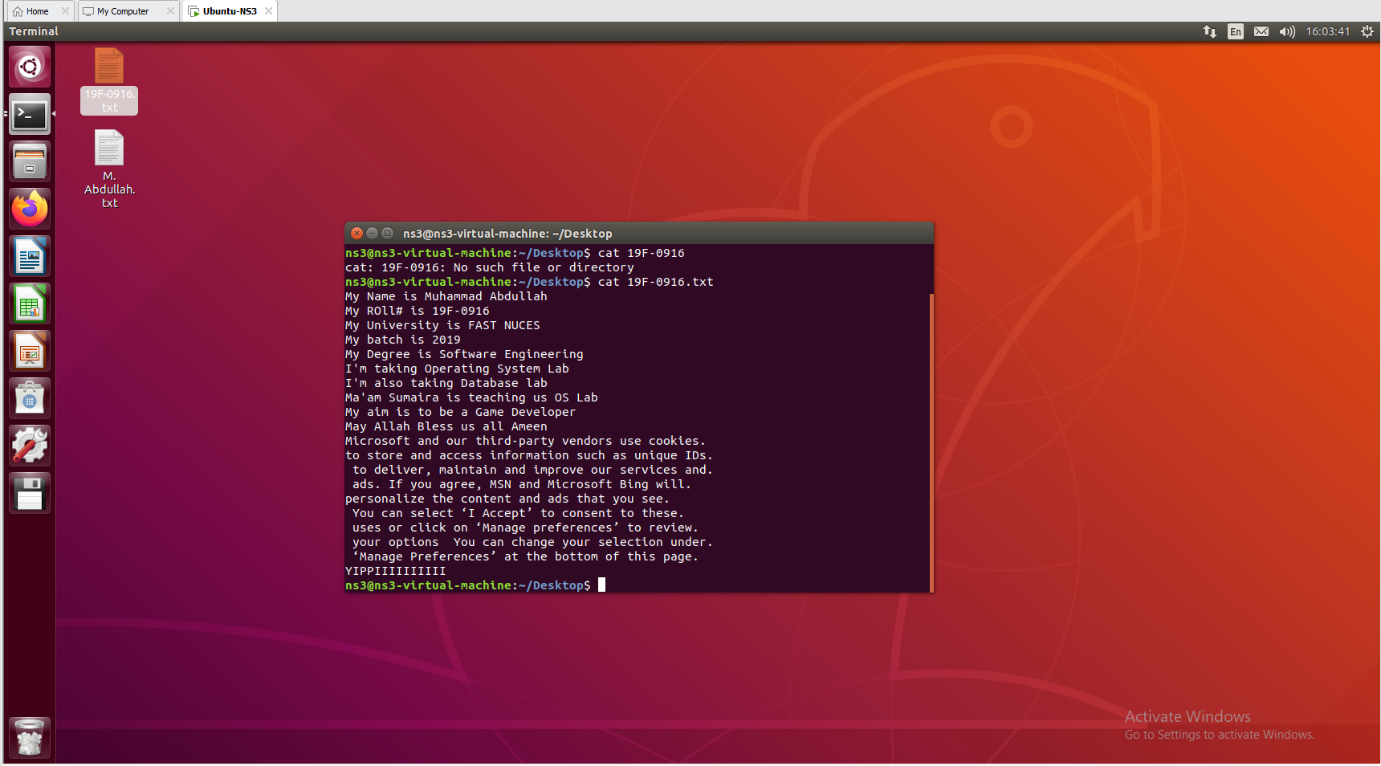
**MAKING FILE WITH NAME**

****

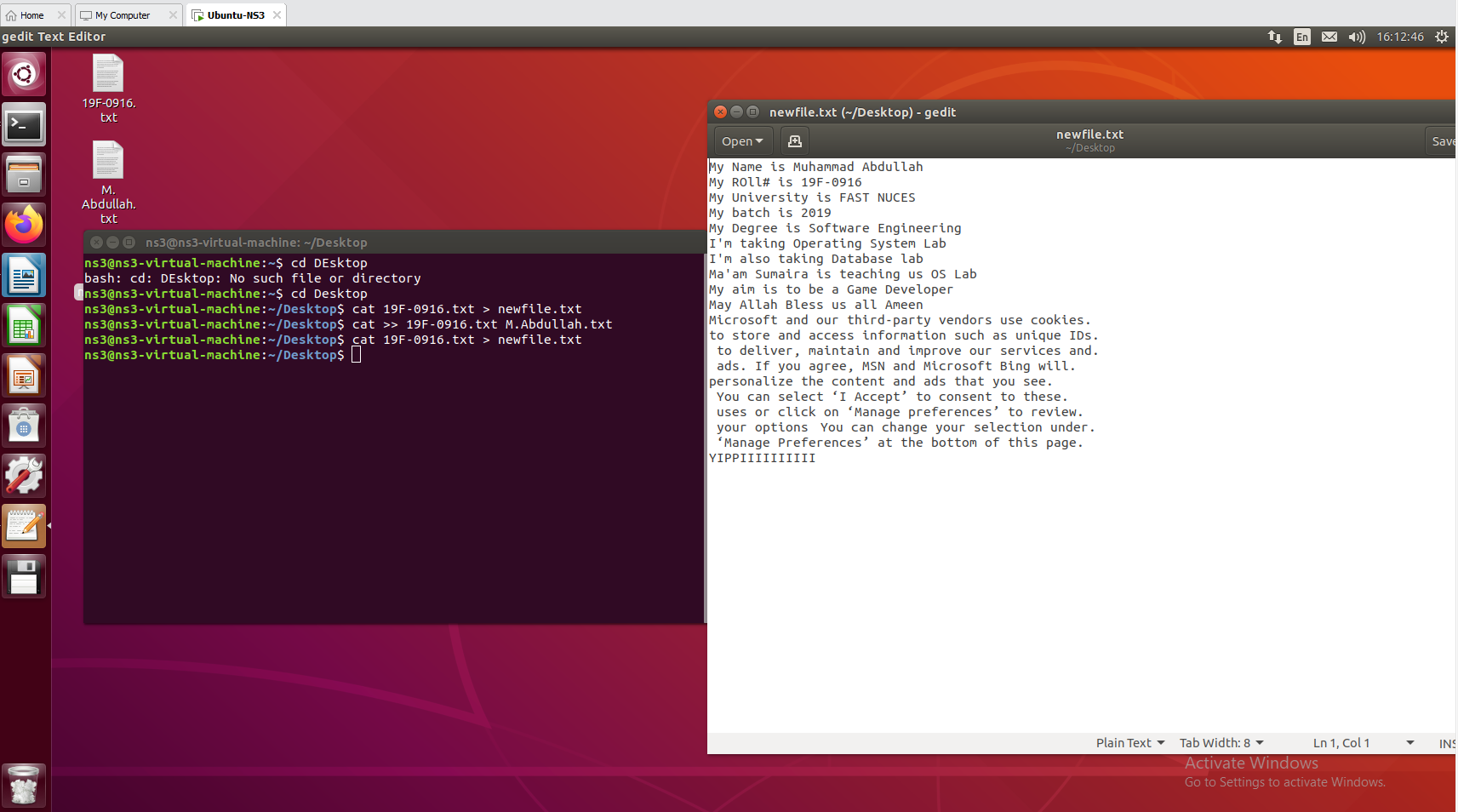
**CAT MERGED**

****

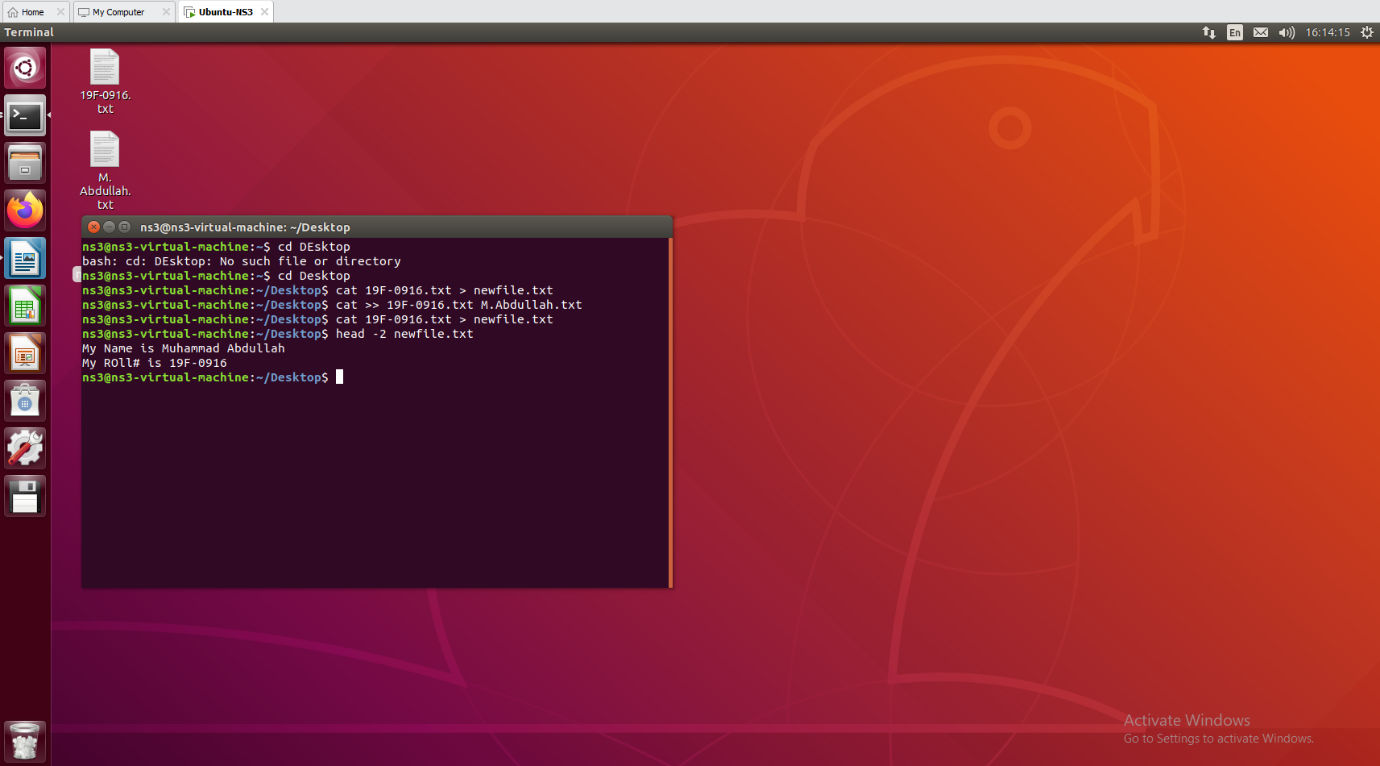
**OUTTPUTING FILE**

****

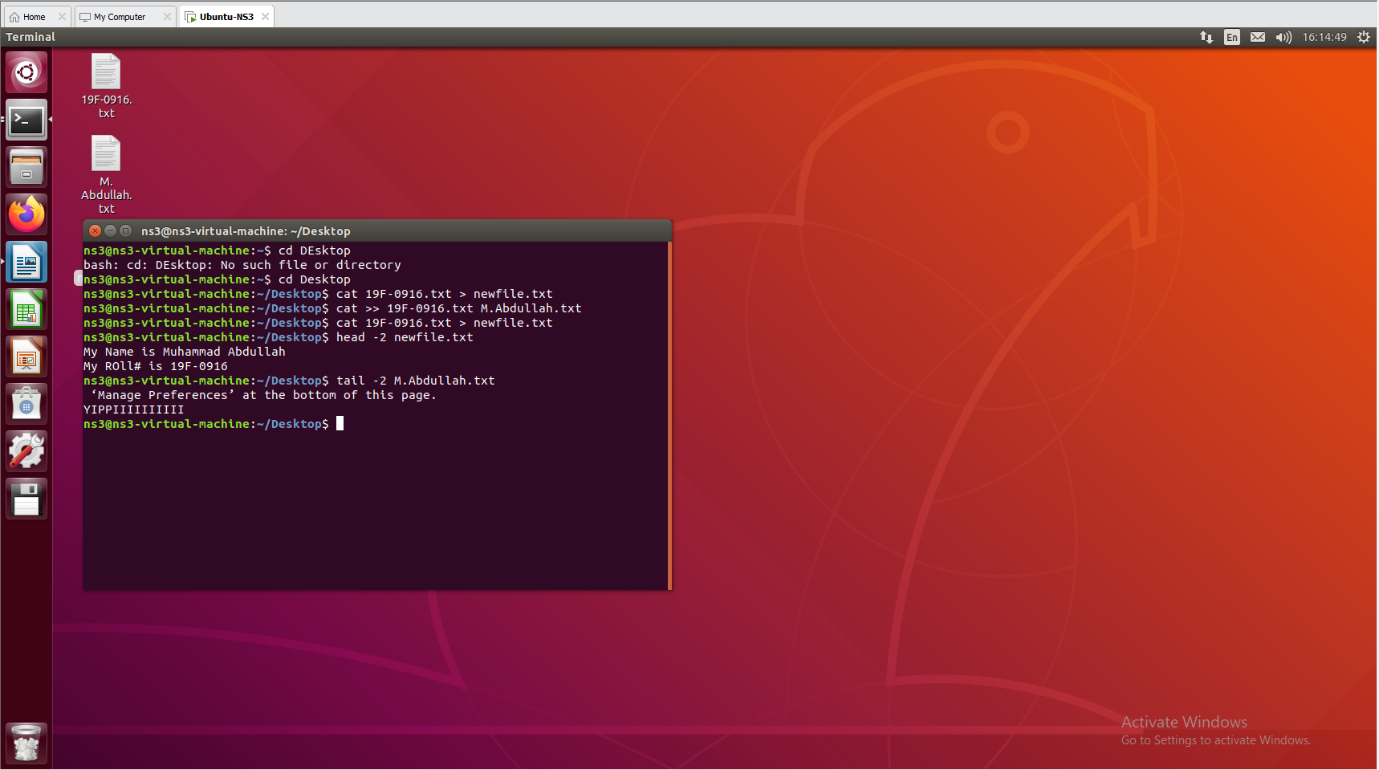
**MAKING NEW FILE BY OLD DATA**

****

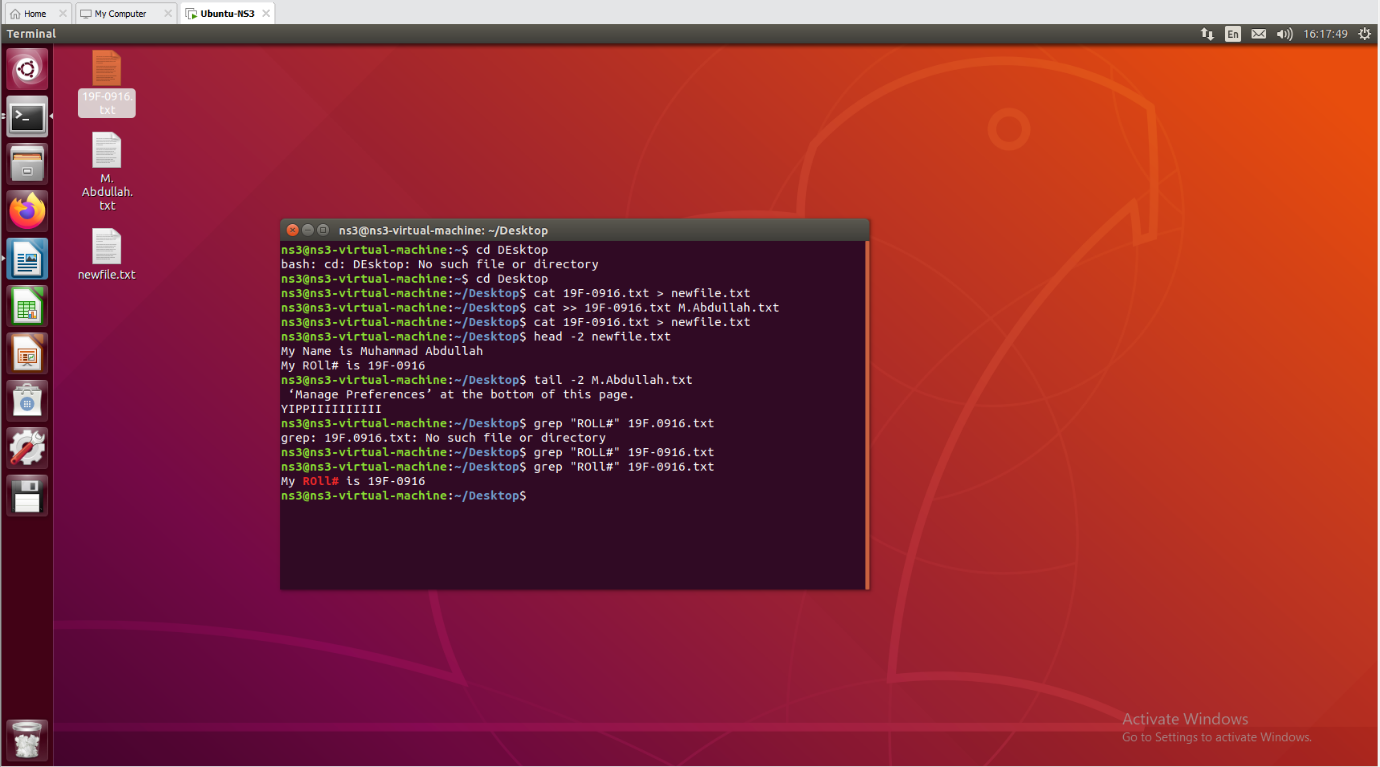
**SHOWING FIRST 2 LINES**

****

**SHOWING 2 LAST LINES**

****

**SEARCHING ROLL#**

****

**GIVING PERMISSION FOR EXECUTE**

**Graphical user interface

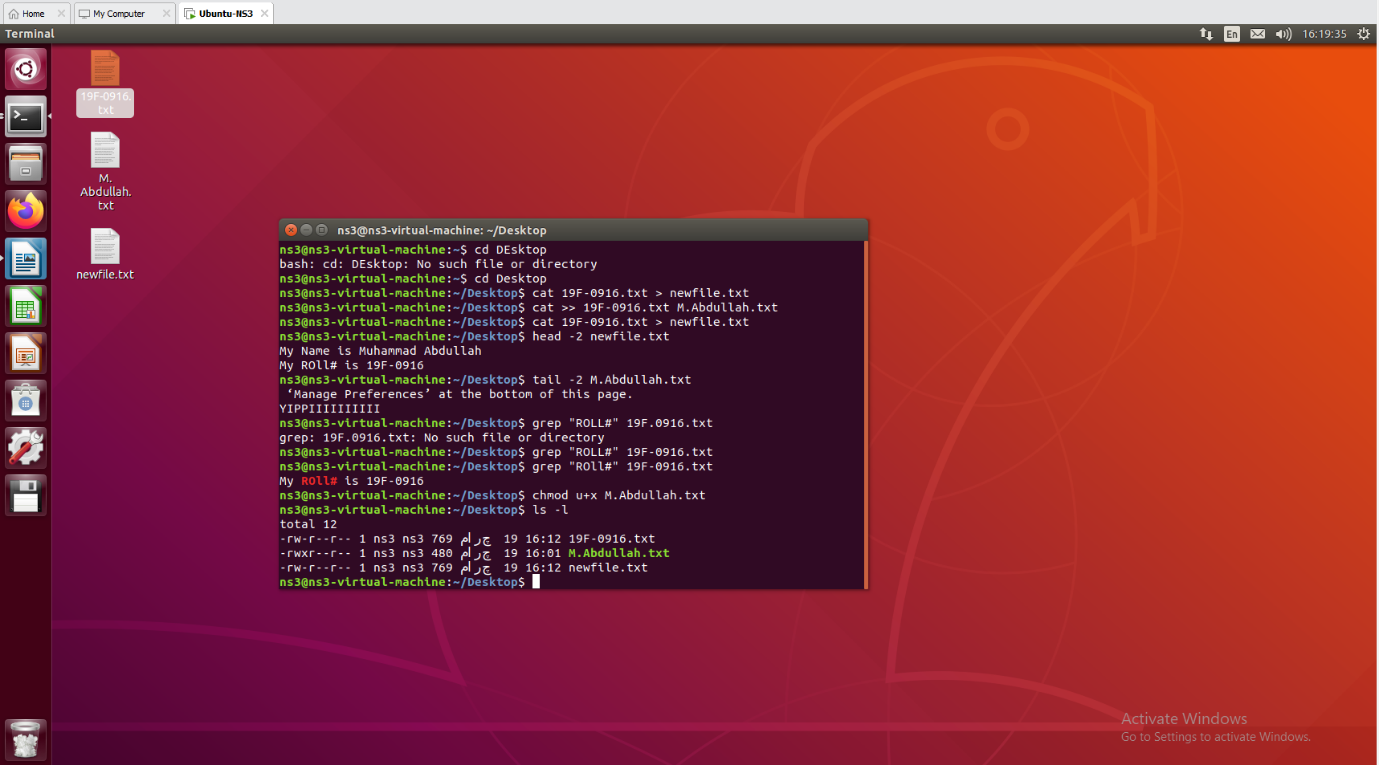
Description automatically generated**

**REMOVING PERMSSION FOR WRITE**

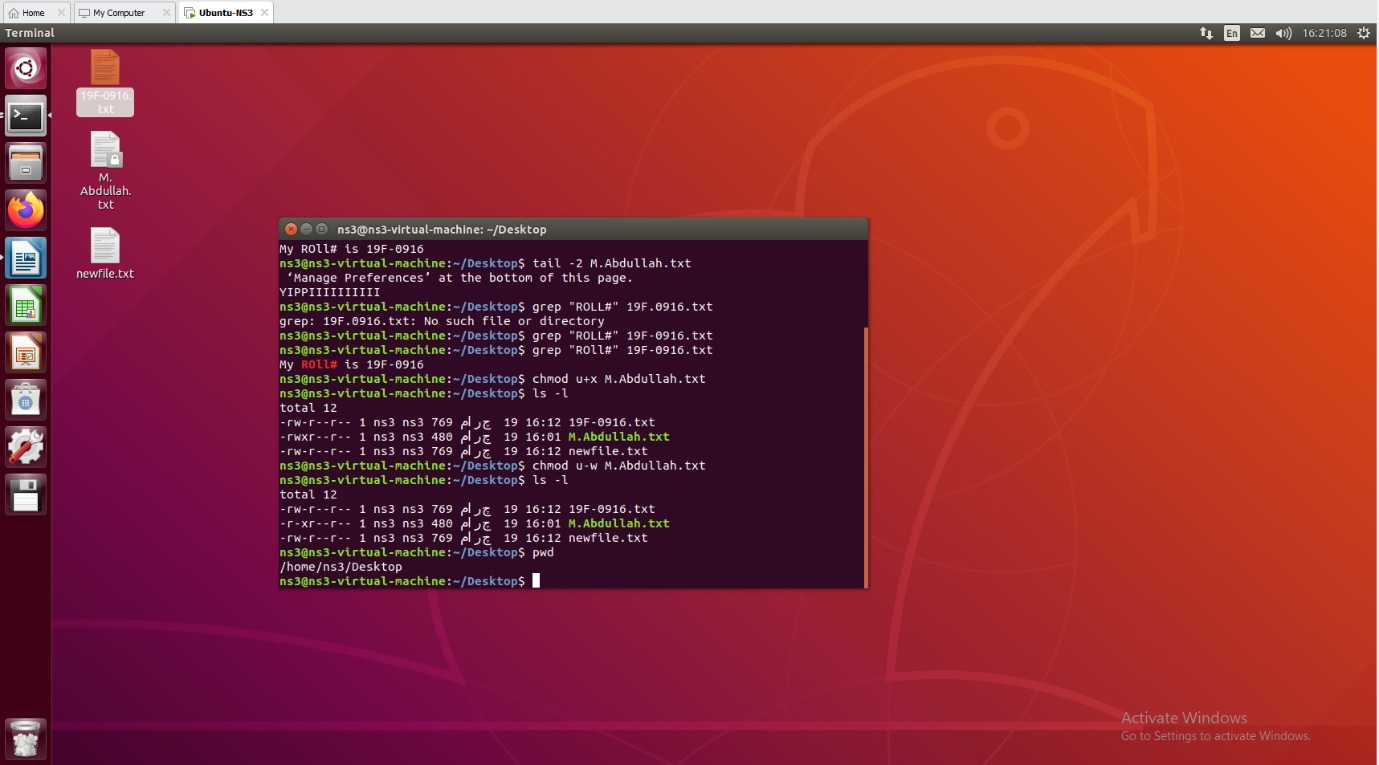
**Graphical user interface

Description automatically generated**

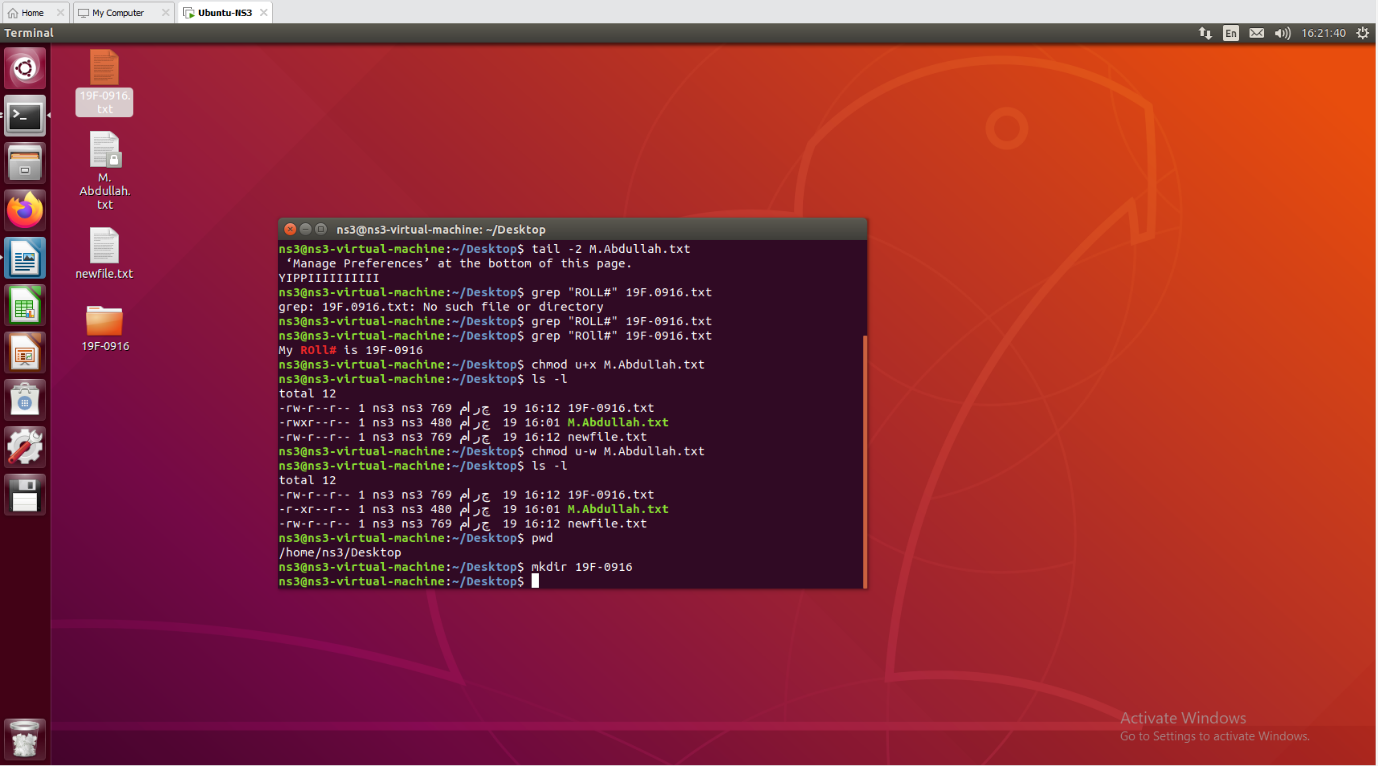
**SHOWING TIME**

****

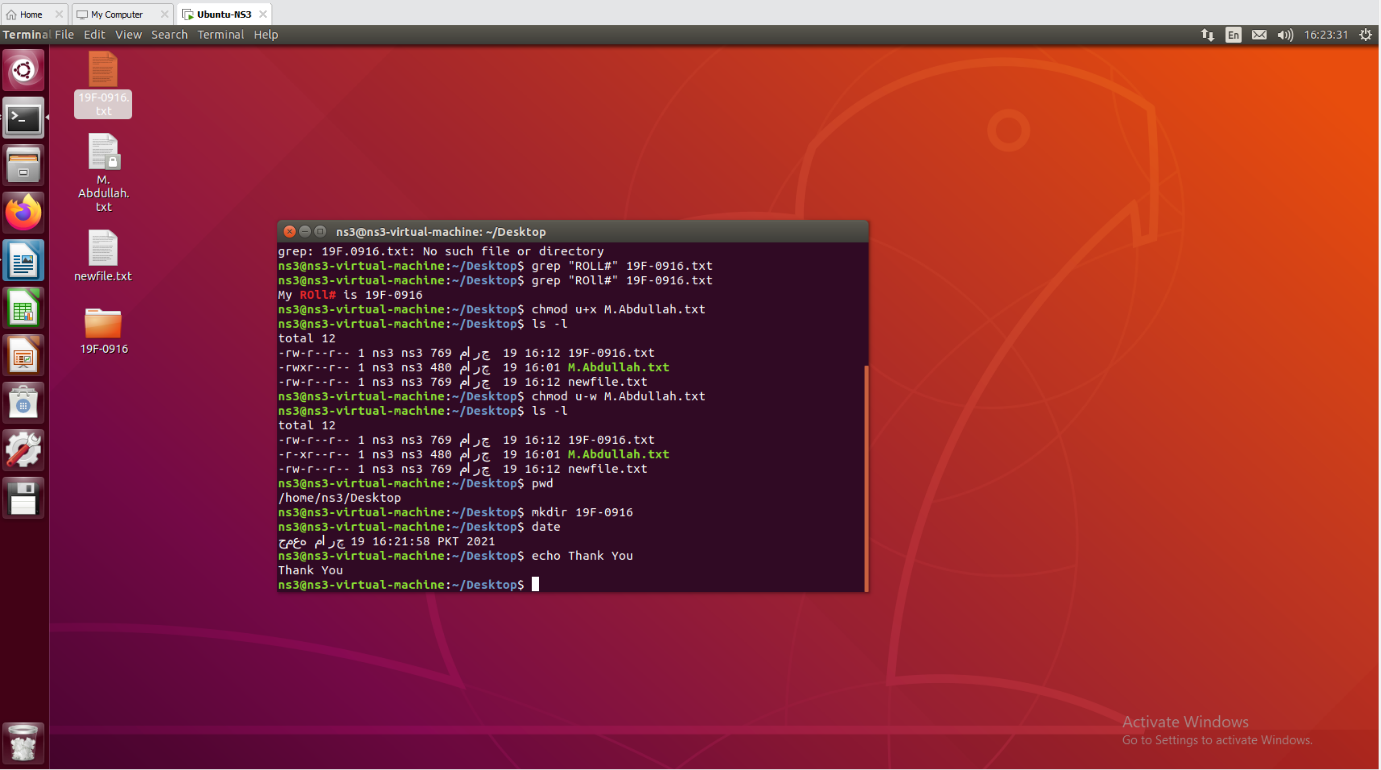
**SHOWING CURRENT LOCATION**

****

**MAKING NEW DIRECTORY**

****

**ECHO THANK YOU**

****

**COMPLETED**

**TASK 2**

**CREATING FILE AND ADDING DATA**

**Graphical user interface

Description automatically generated**

**NOW, PERFORMING MATHEMATICAL CALCULATIONS**

**Given = DECIMAL = BINARY**

**rwx = 4 + 2 + 1 = 7 = 111**

**r-x = 4 + 0 + 1 = 5 = 101**

**r-- = 4 + 0 + 0 = 4 = 100**

**FINAL:**

**111 101 100 = 7 5 4**

**USING 754 FOR PERMISSIONS**

**Graphical user interface

Description automatically generated**

**APPENDING ls COMMAND**

**Graphical user interface

Description automatically generated**

**COMPLETED**