OPERATING

SYSTEMS

21AIE202

LAB REPORT - 1

SYSTEM CALLS

Date: 10 - 09 2022

Submitted By:

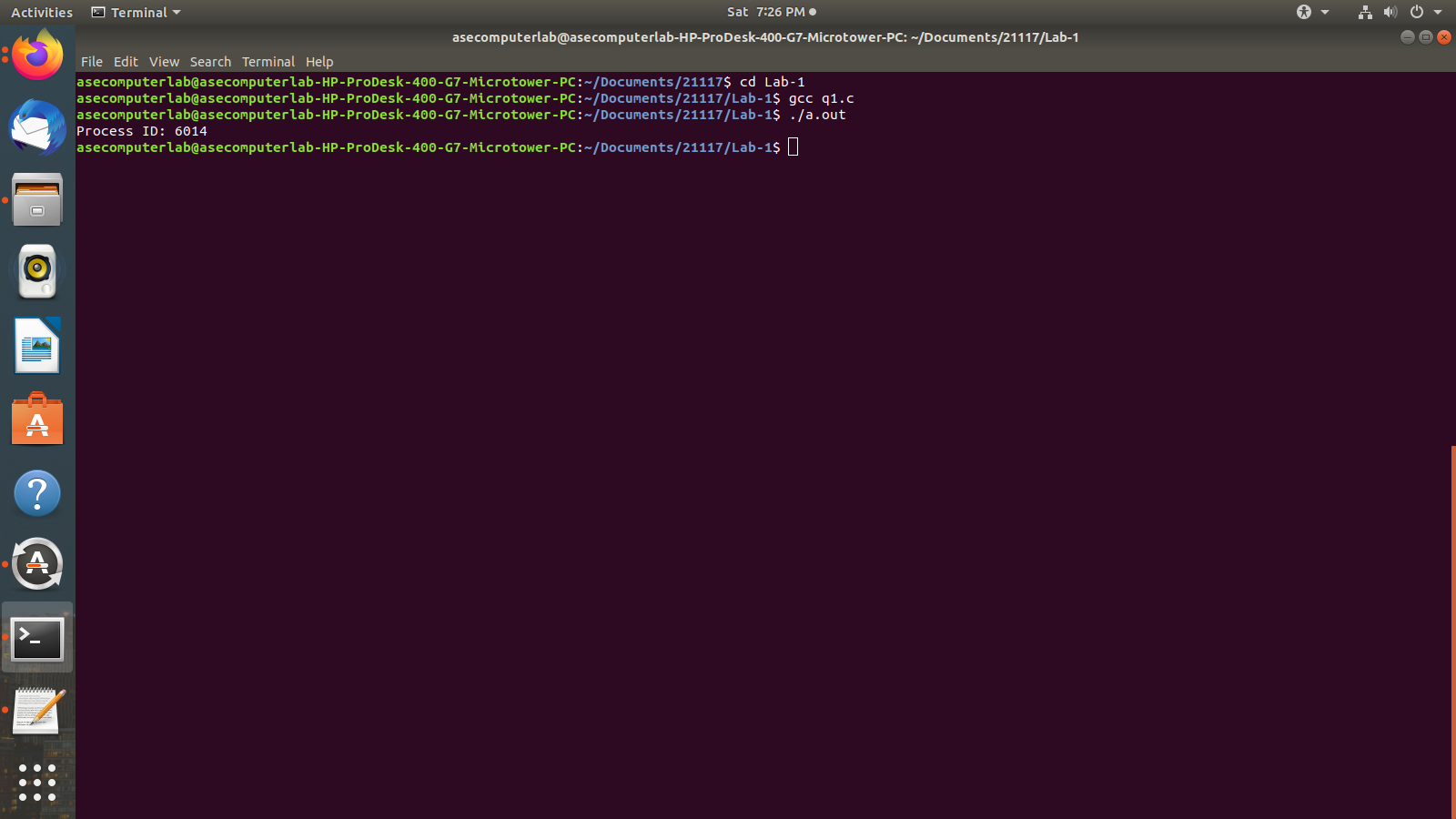
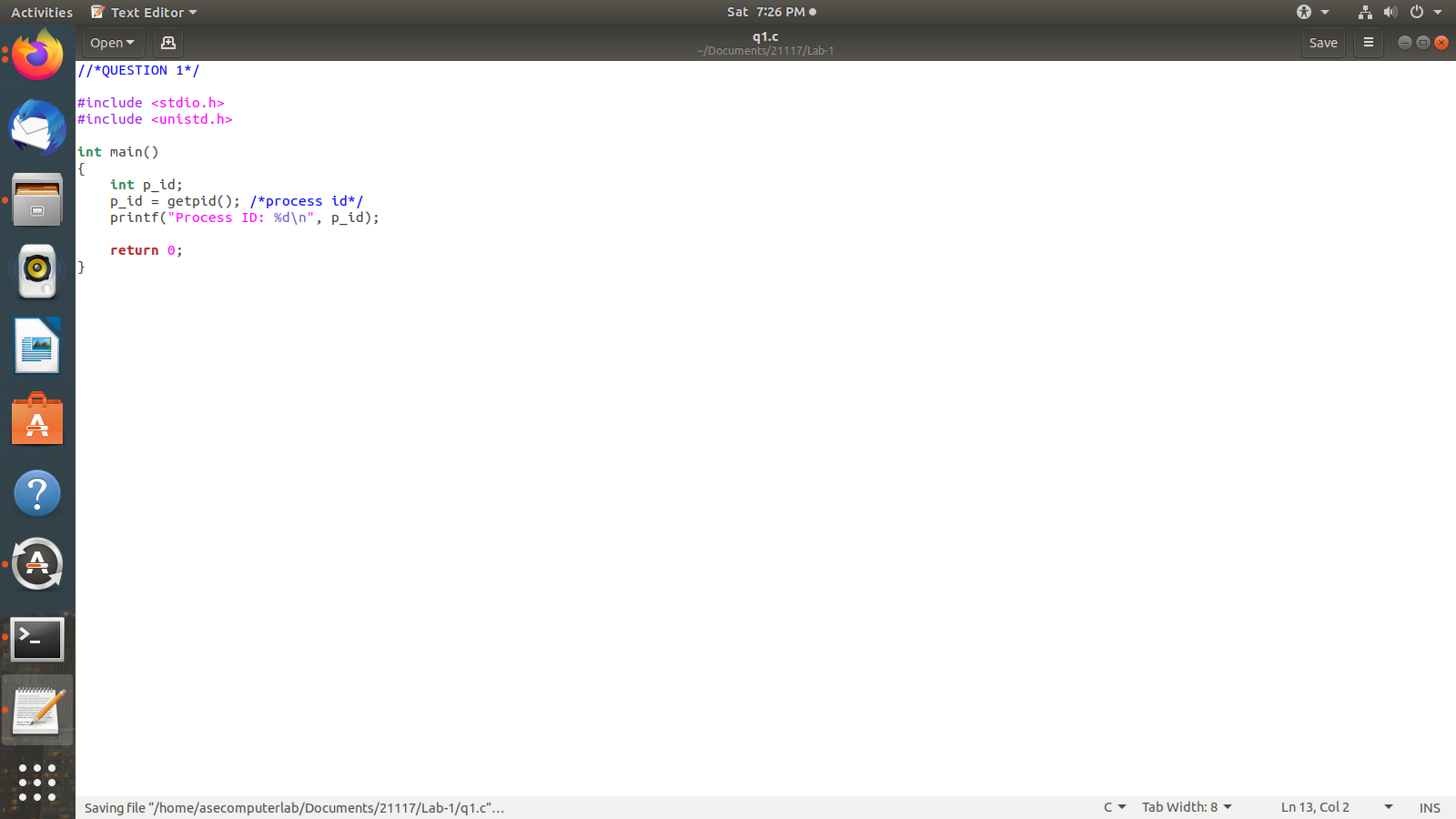
Abhay Nanduri

21130

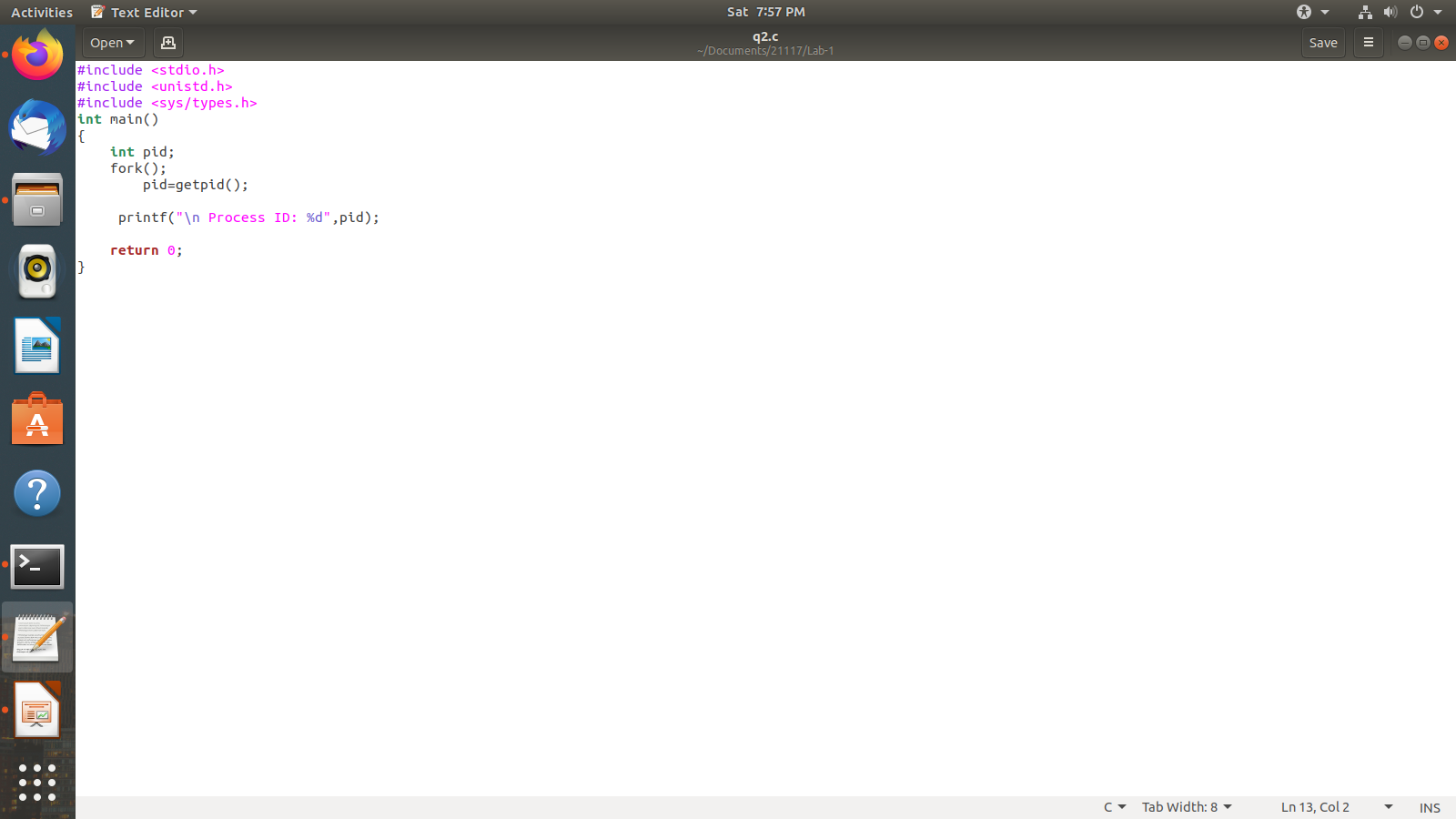
**SYSTEM CALLS**

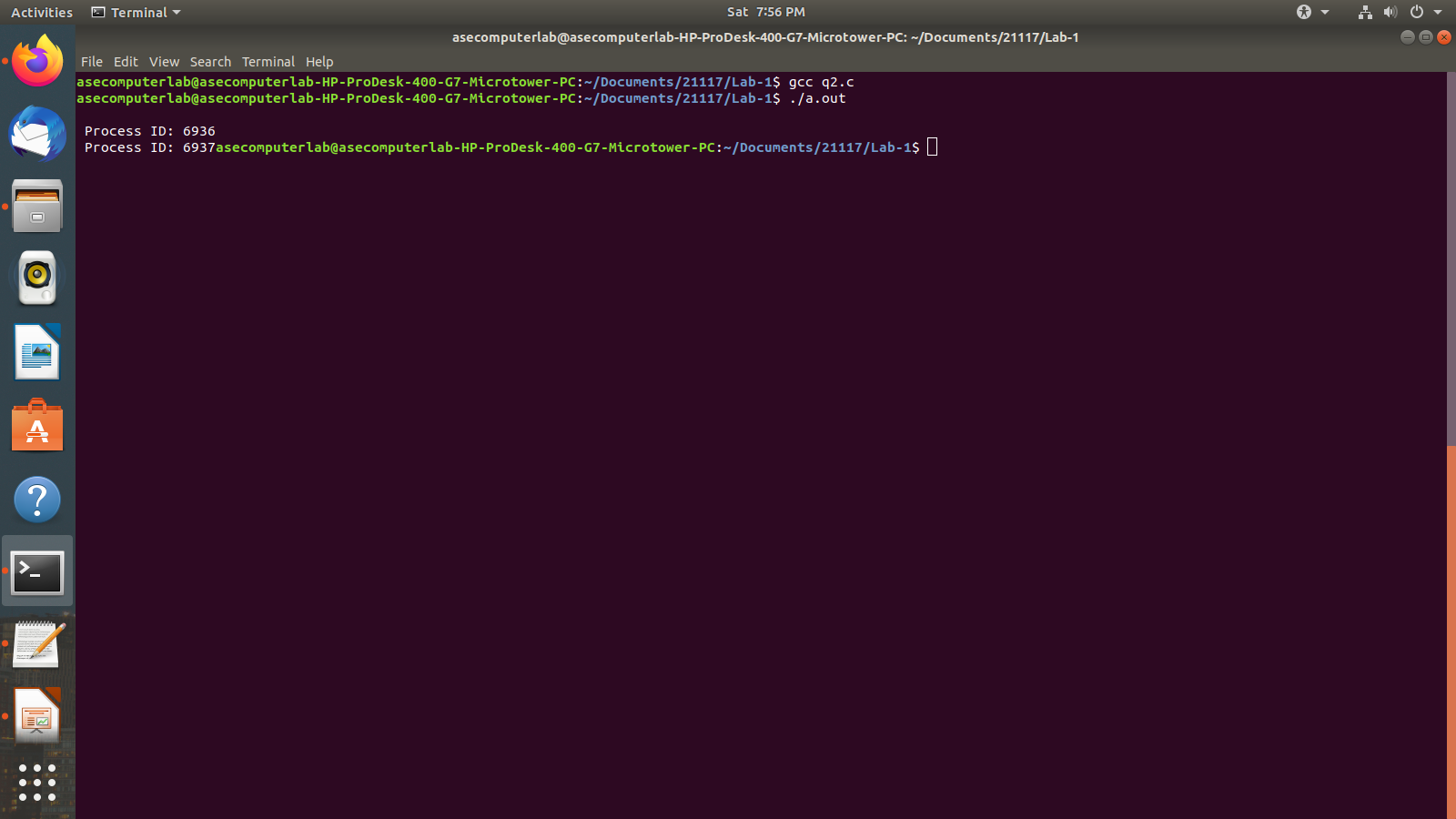
**Aim:** To Execute Different System Calls In Linux Operating System

**Q1)**

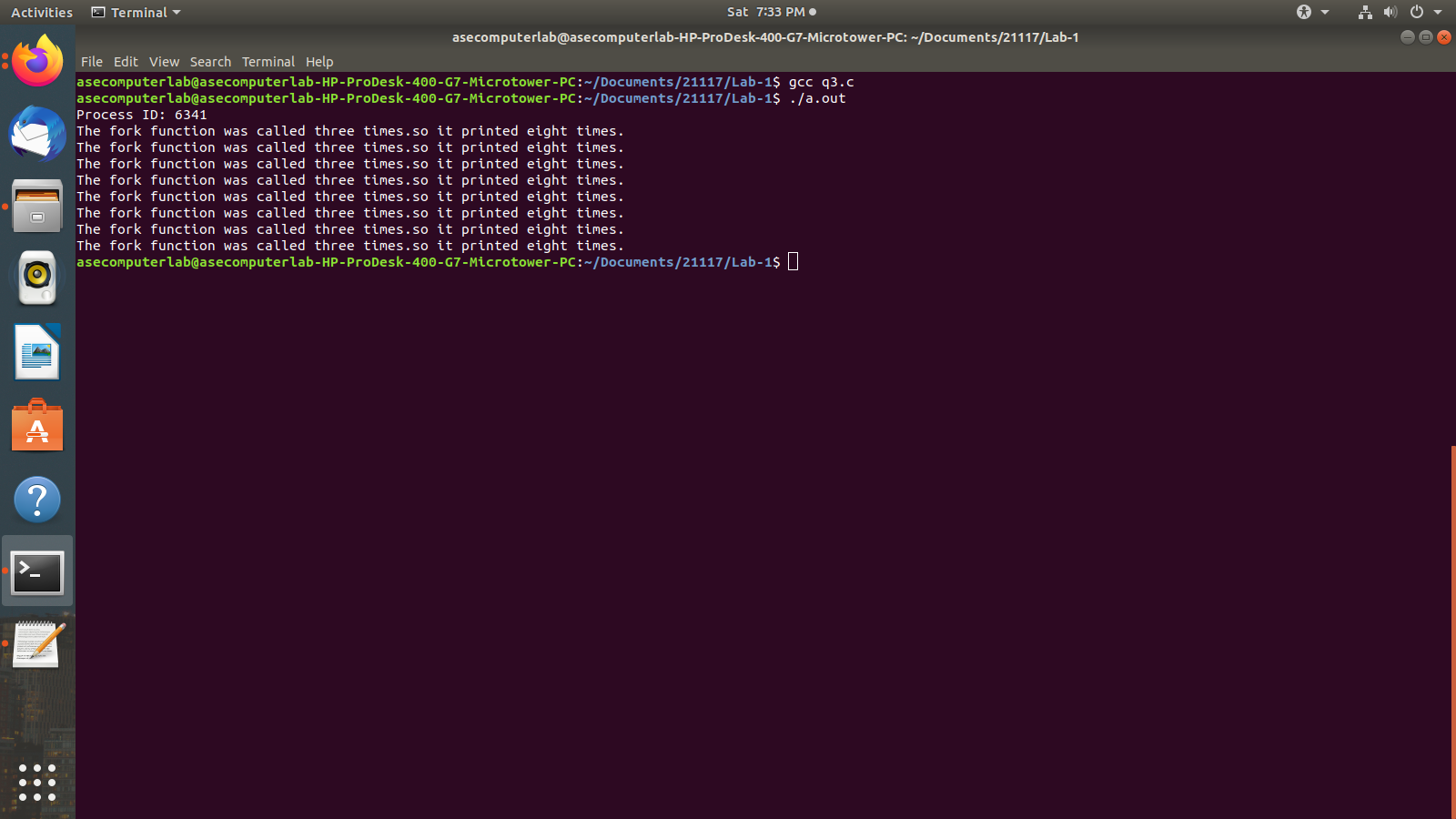
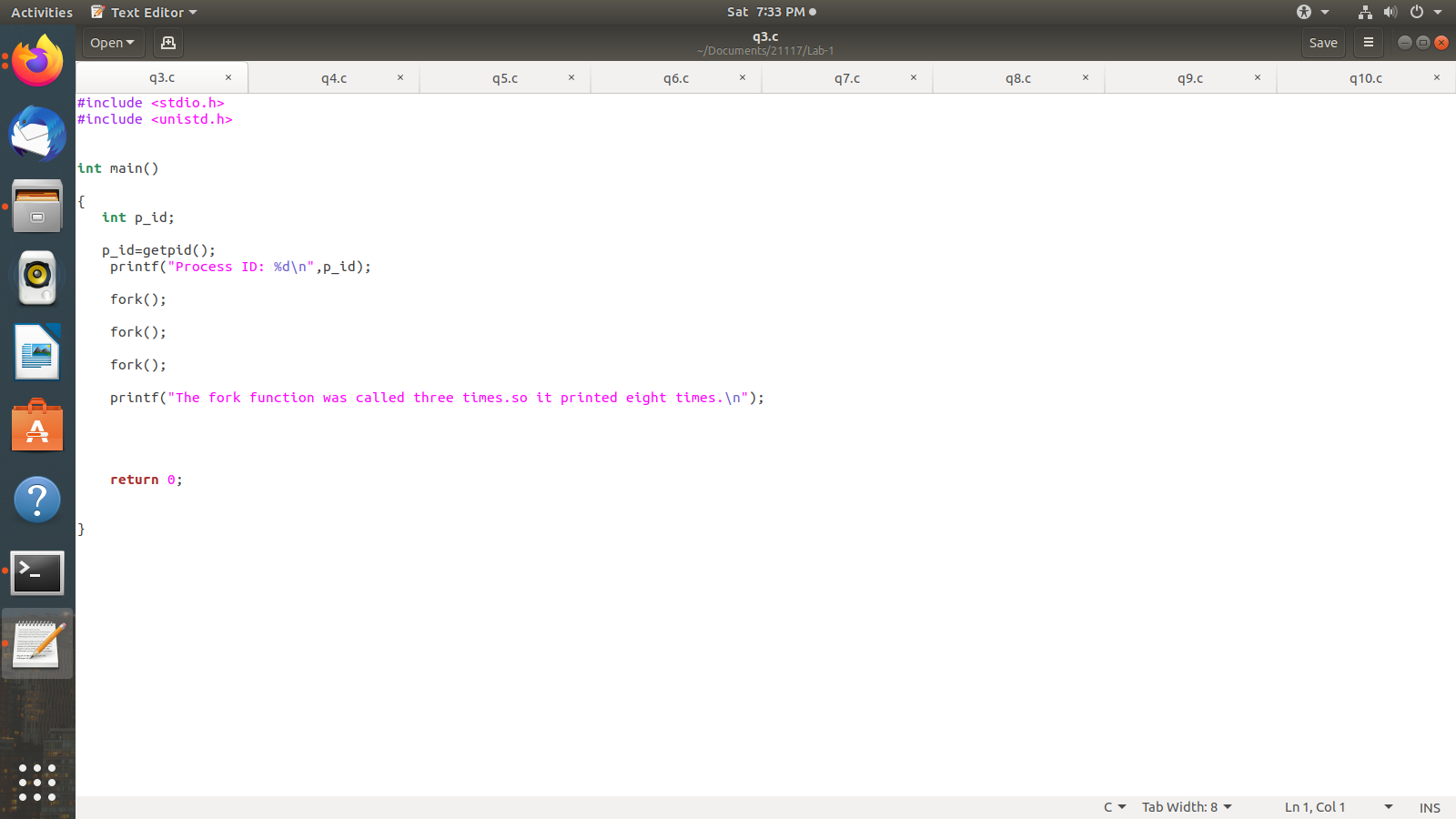
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**Q2)**

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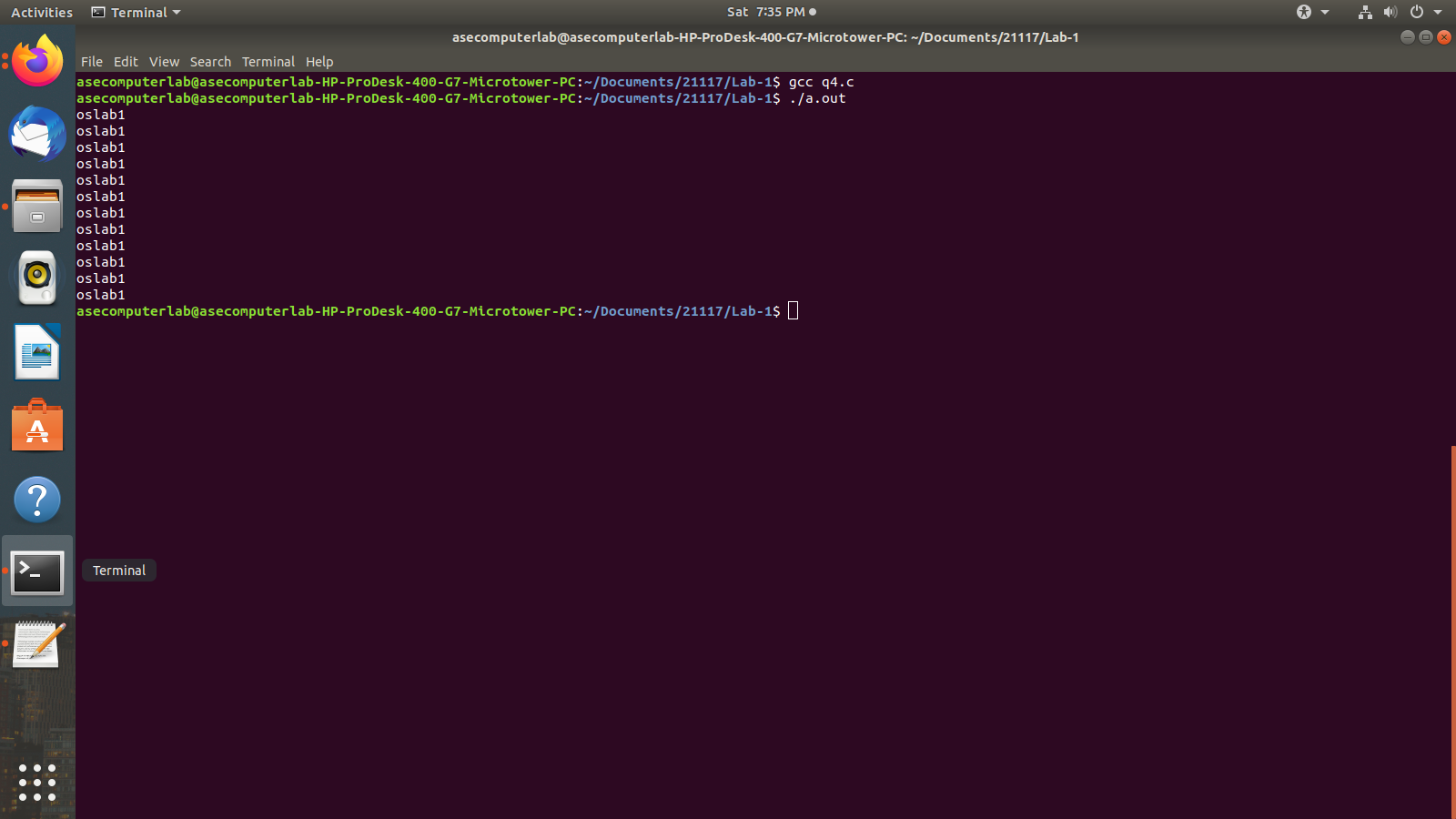
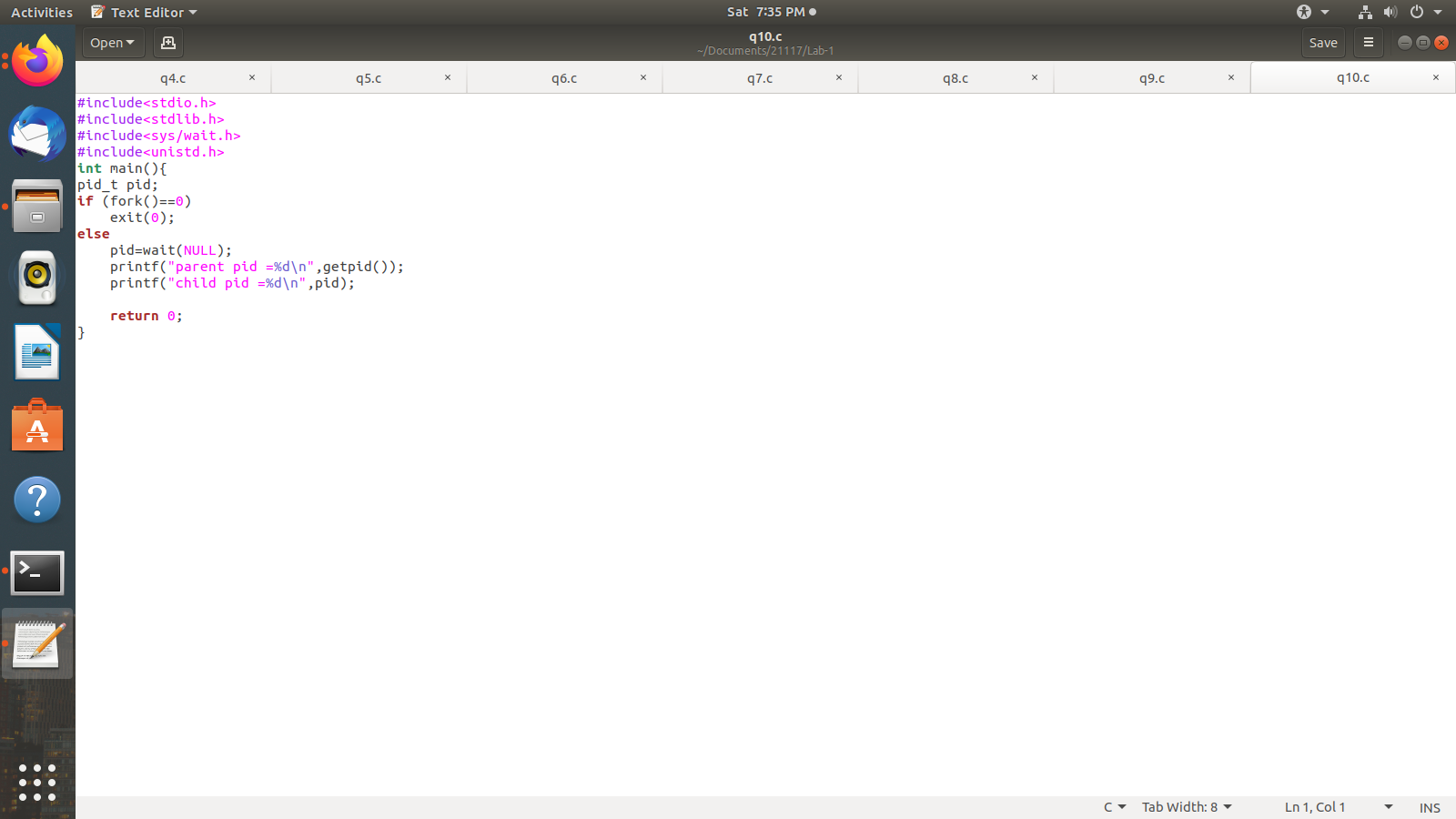
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**Q3)**

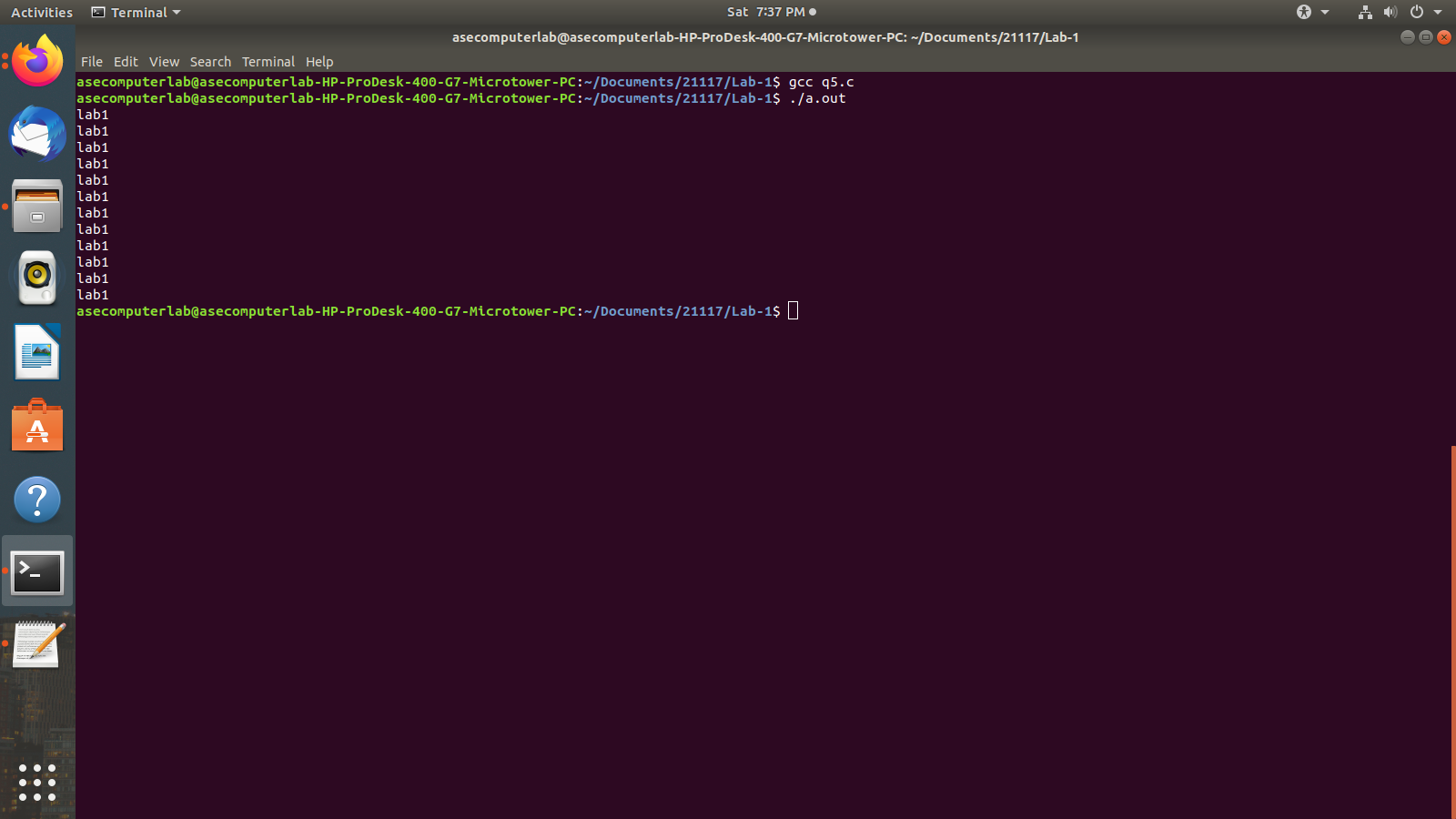
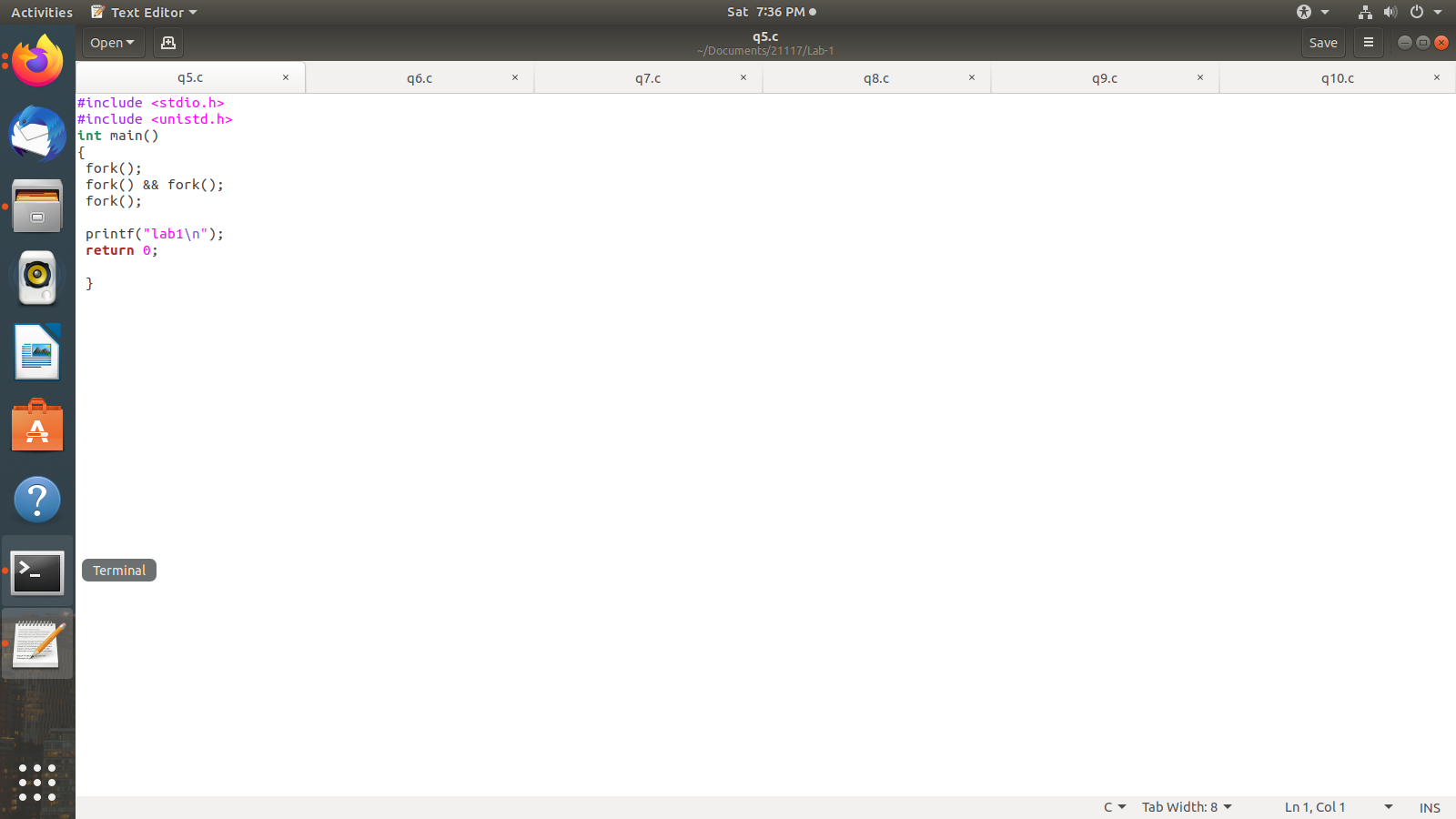
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Algorithm: Fork is basically used to call the same process again. So, in this code we have used fork() 3 times, which will make the process execute 8 times. Here the process is the print statement.

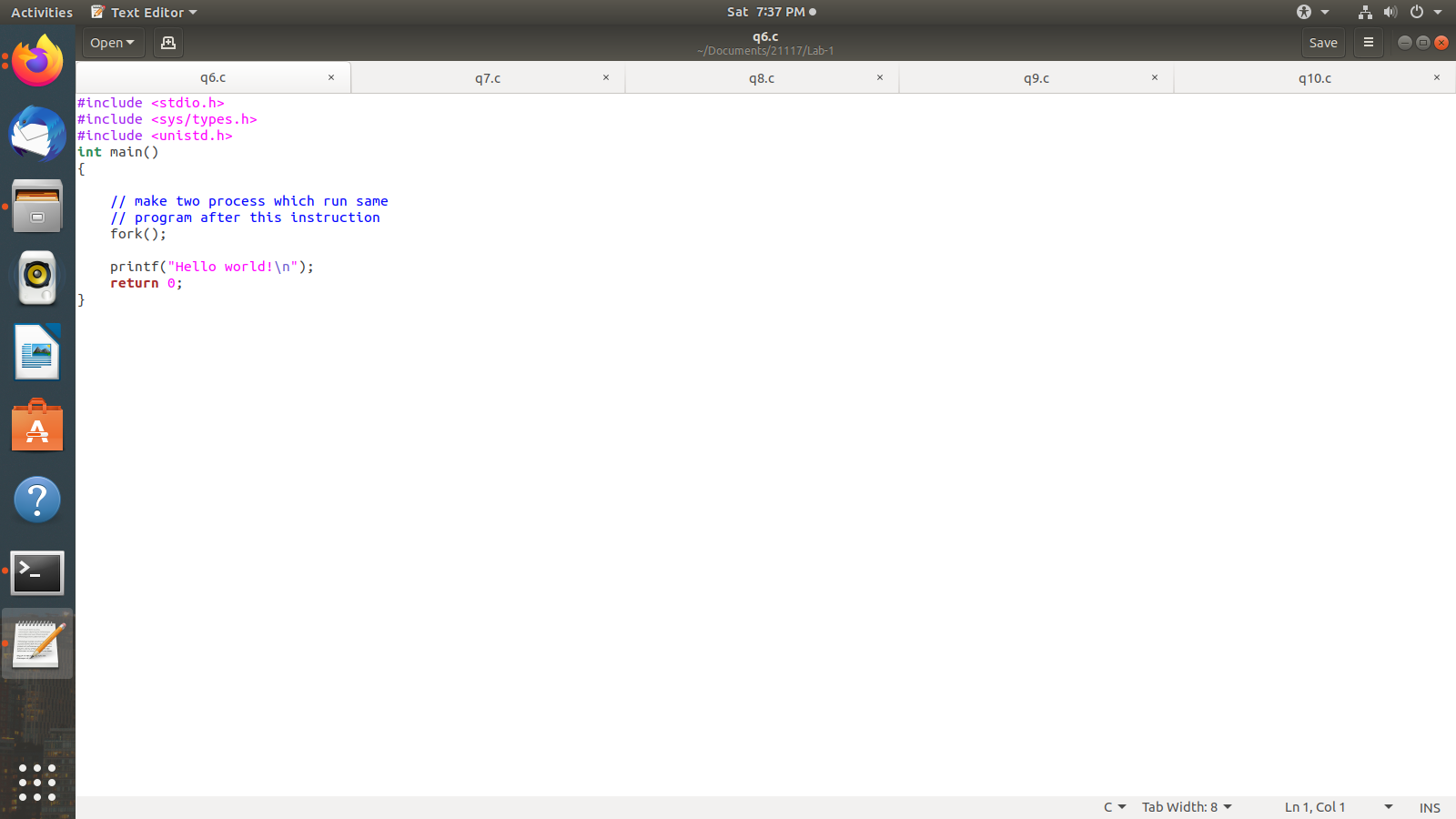
**Q4)**

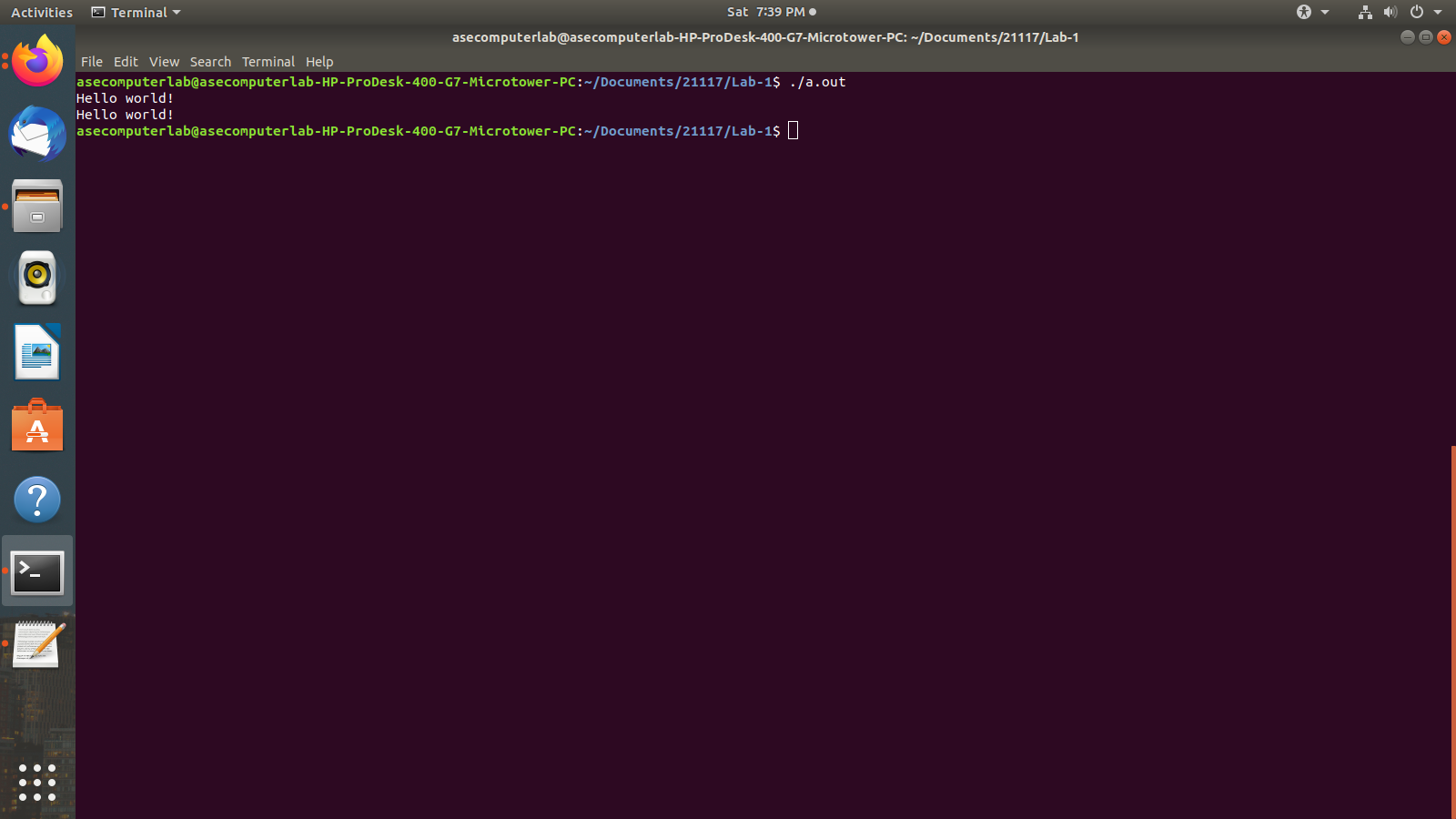
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**Q5)**

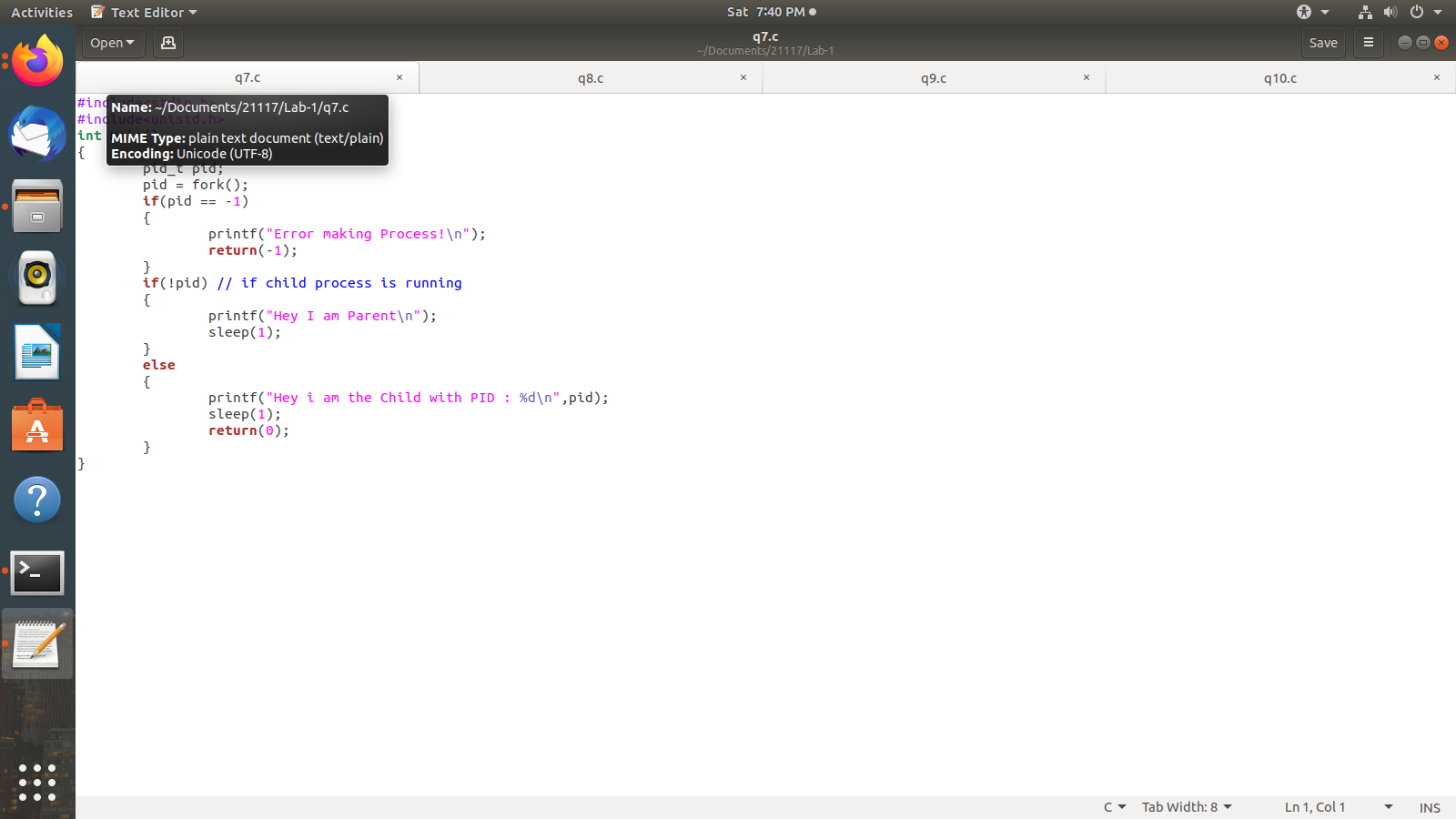
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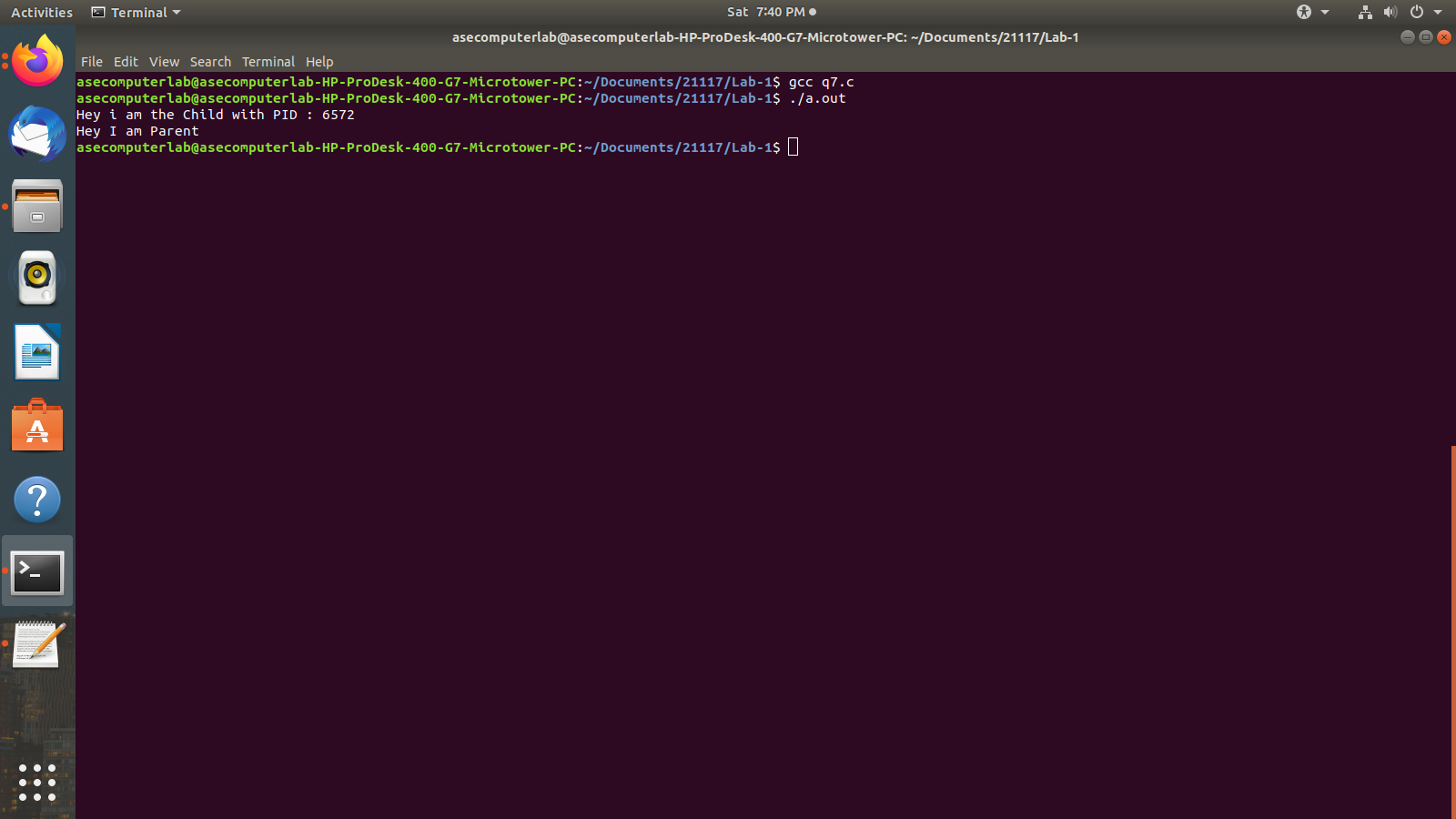
**Q6)**

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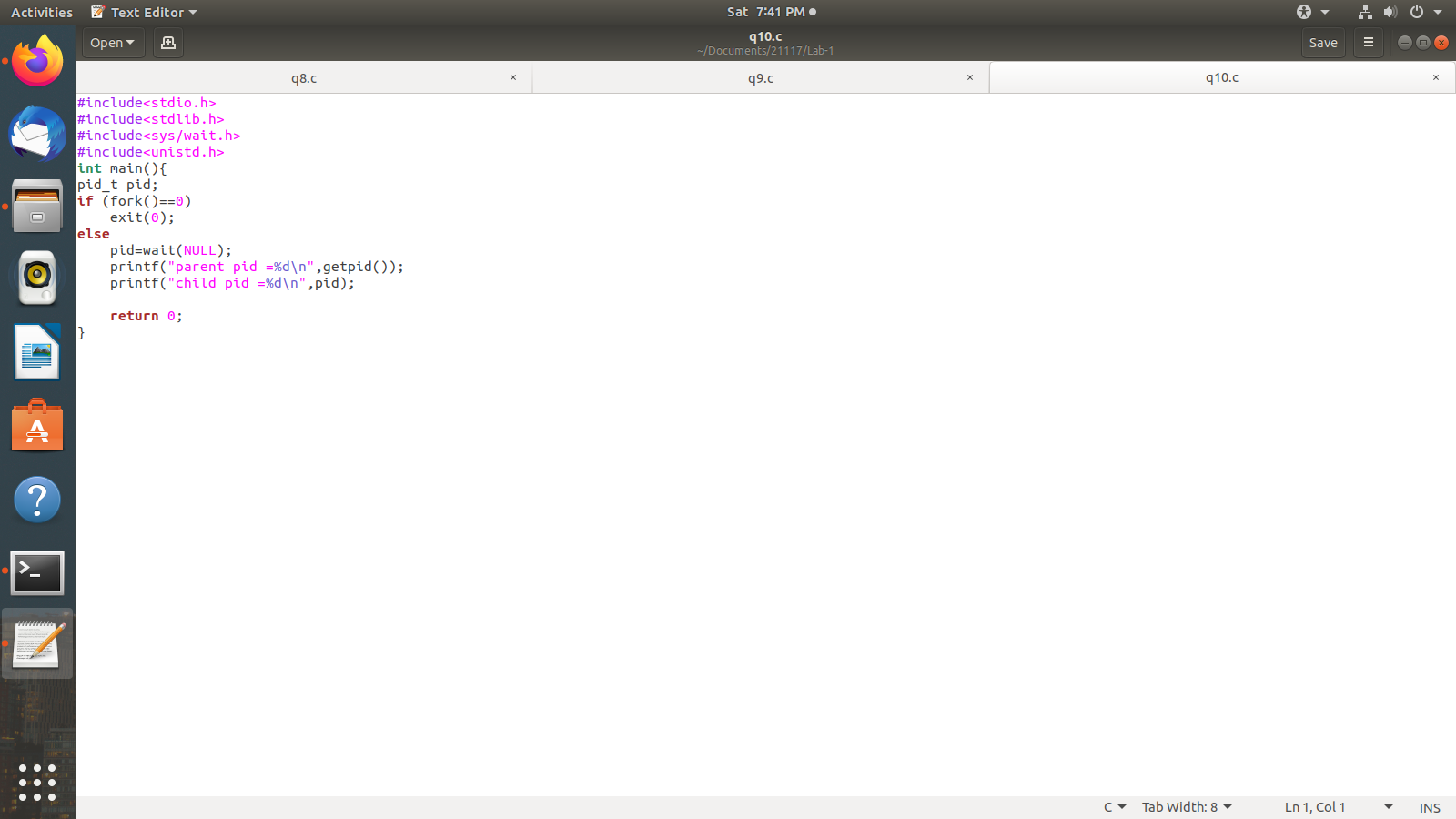
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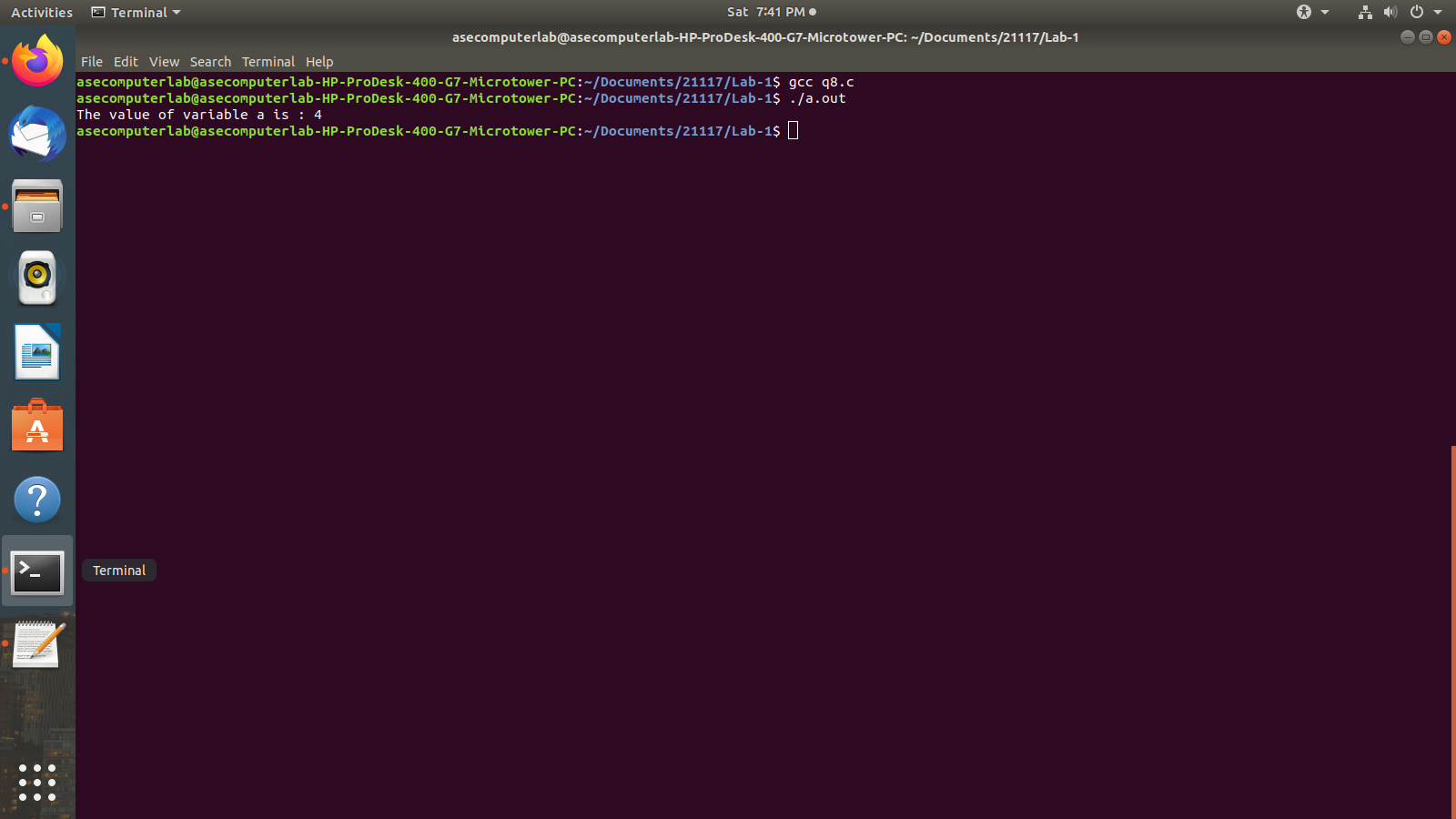
**Q7)**

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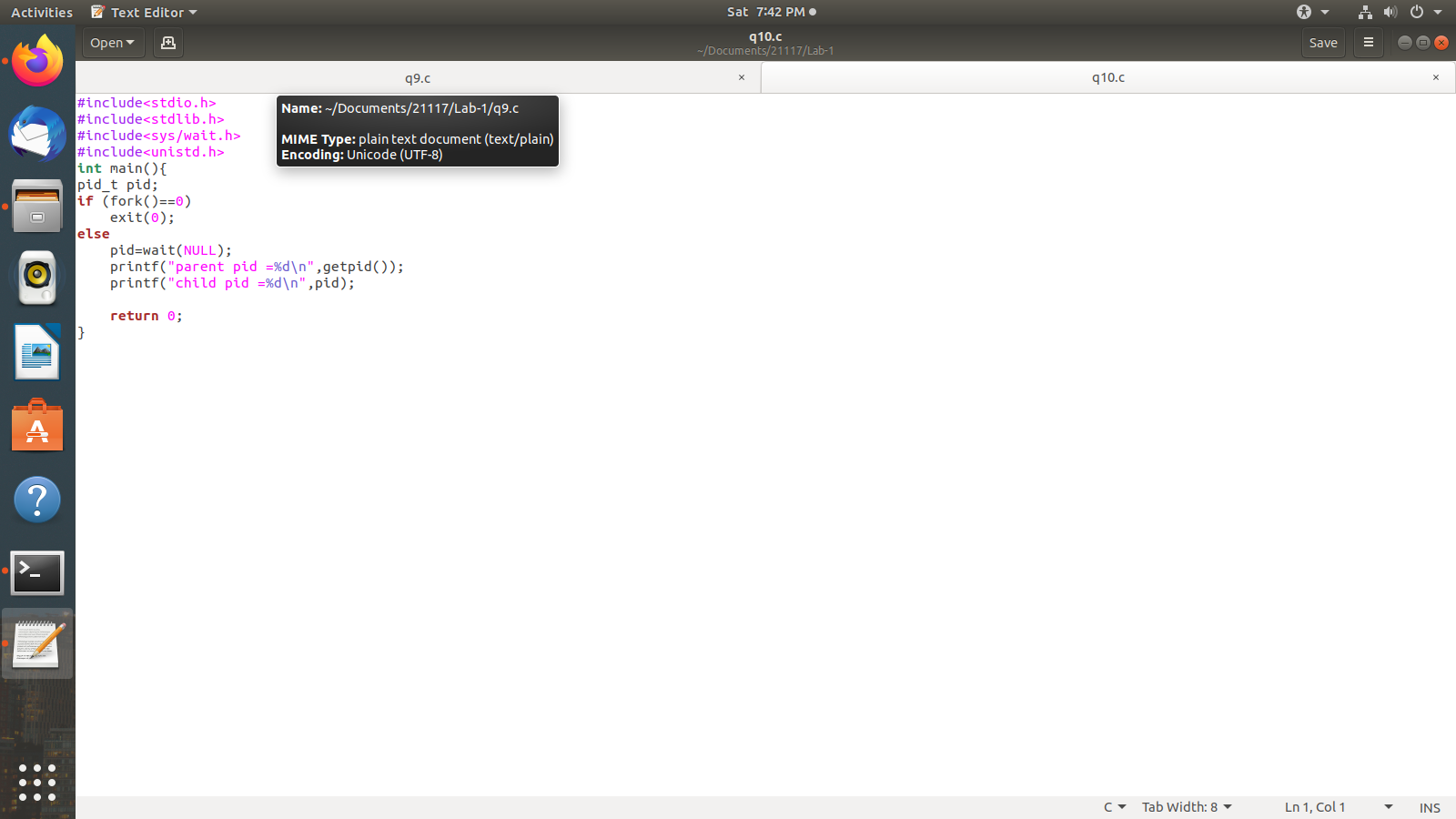
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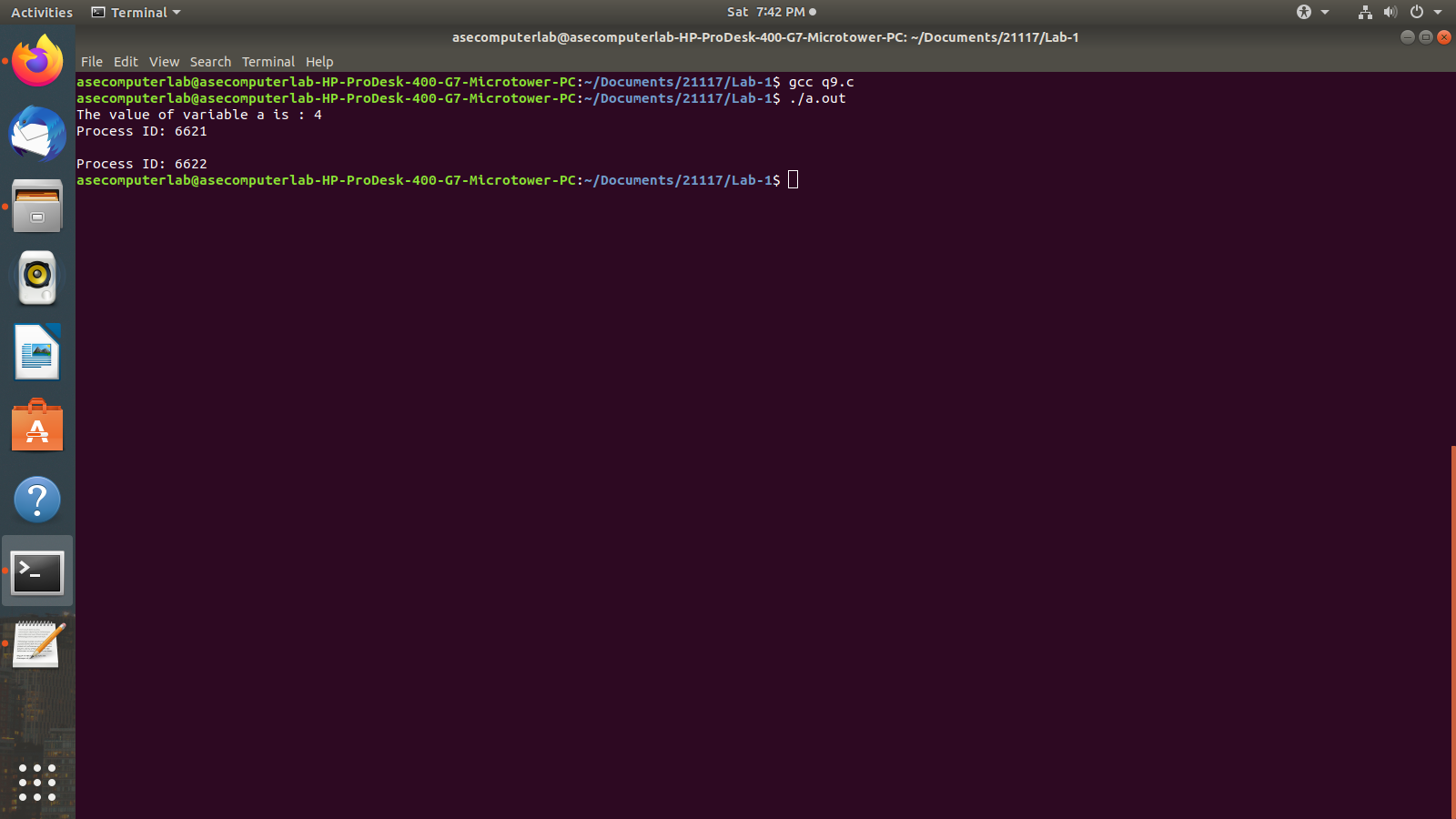
**Q8)**

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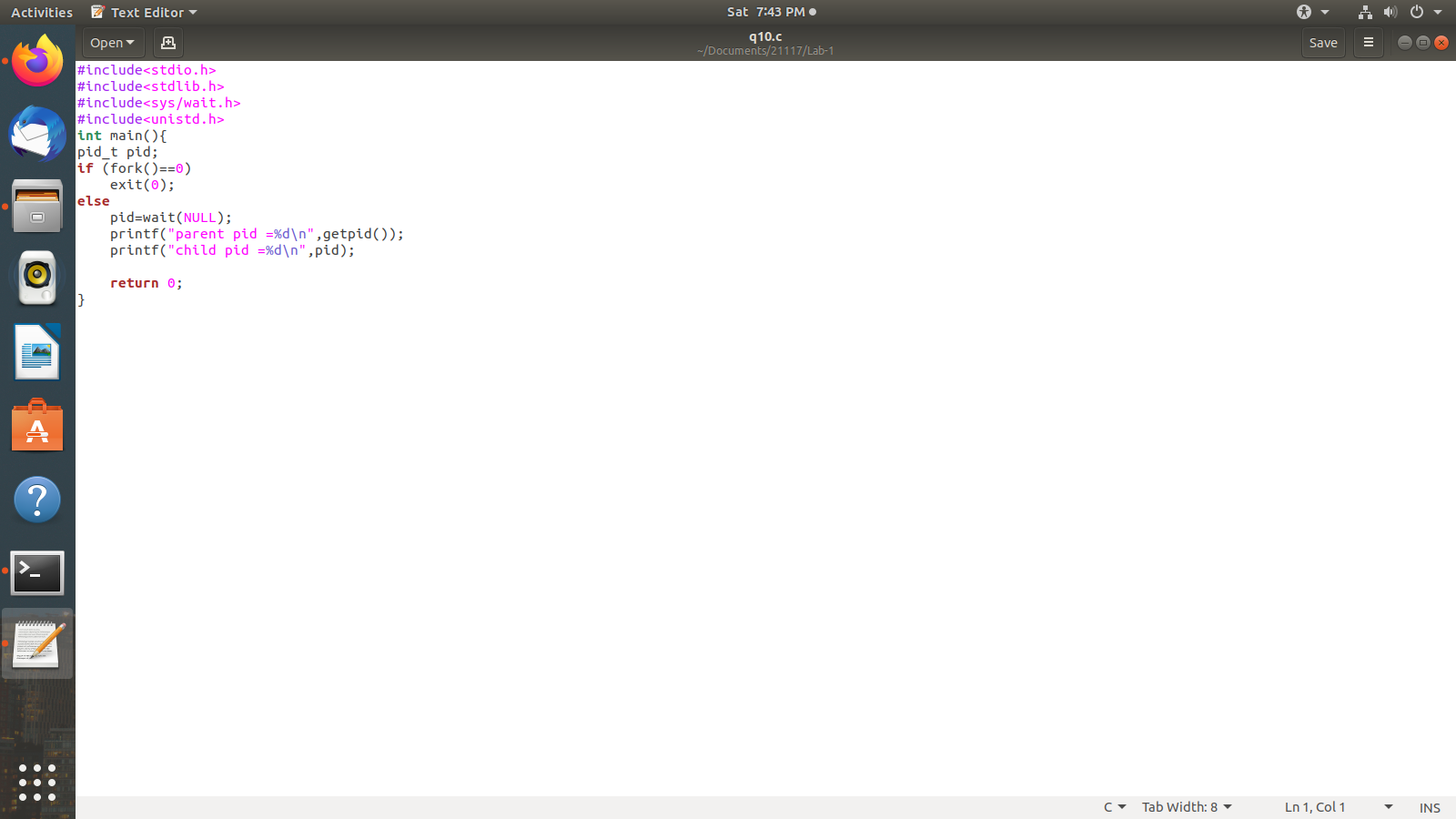
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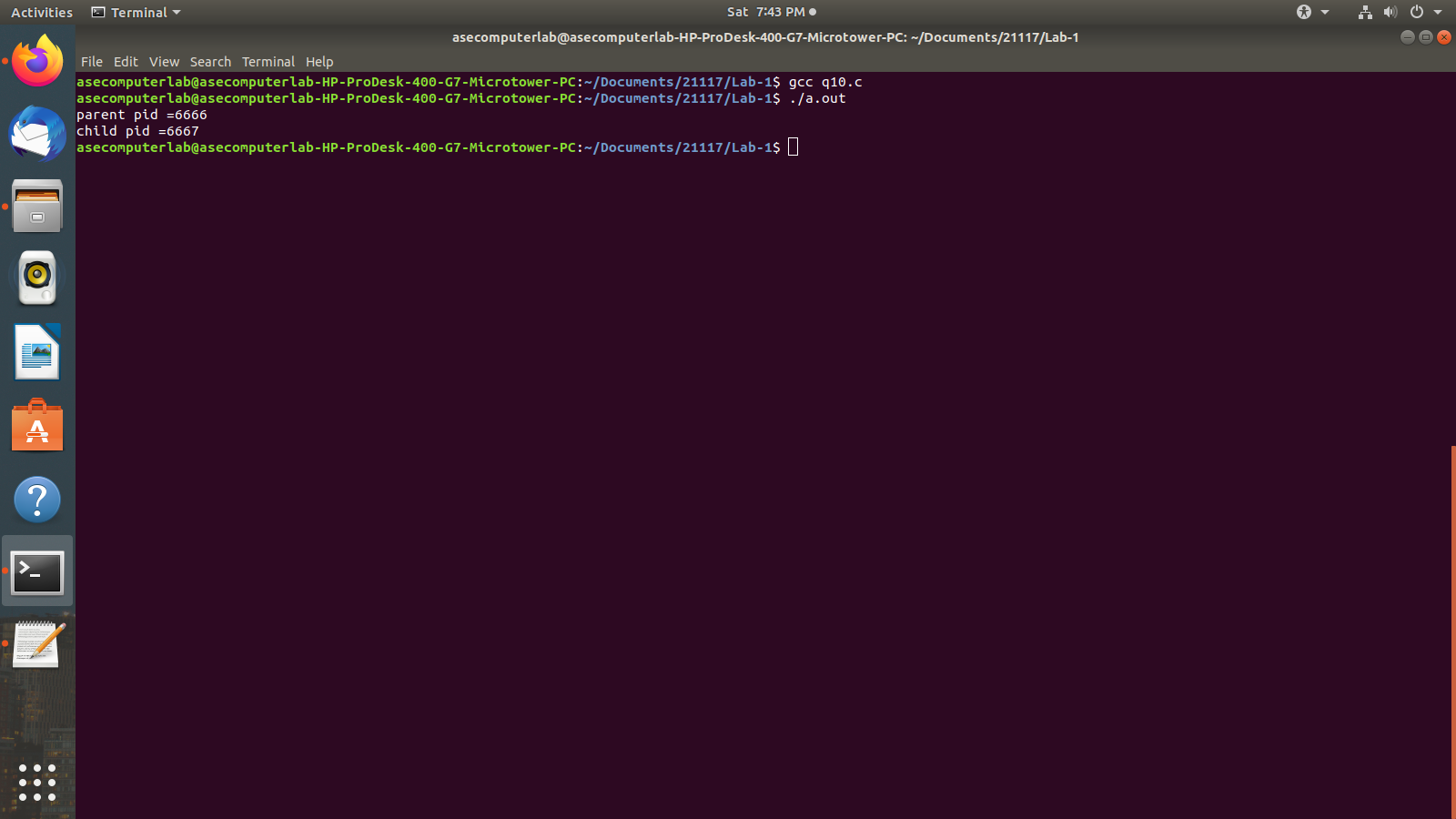
**Q9)**

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**Q10)**

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**Observation:** In this experiment we have seen how fork function works and how we switch between processes and also how the OS works on a kernel level. We learnt about how system calls work.