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**COS10004 - Computer Systems – Lab 4 Submission**

## Question 2

## Question 2.1

## Major required components:

## Basic knowledge of logic gates, some types of Flip Flop: D Flip Flop, JK Flip Flop, register, and counter.

## Question 2.2

## Resource of material: Swinburne Lecture Slide, Stack Overflow, etc

## Question 3

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## Sketching of solution

## Diagram Description automatically generated

## *Figure 1. Solution for the changing music volume*