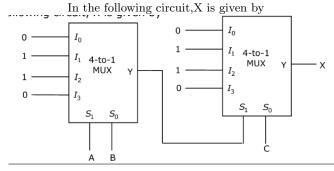


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Roll No.: FWC22094

$\underset{\text{Avr-gcc}}{\textbf{ASSIGNMENT-1}}$

0.1 Question-2007 Q43



0.3 Components

Component	Value	Quantity
Arduino	UNO	1
USB		1

0.4 Hardware

Connect arduino pins 2,3,4 to bread board. Based on the truth tabel, check for each value. Observe the in-built led on the arduino board will turn ON or OFF

0.5 Solution

Expression:AB'C'+A'BC'+A'B'C+ABC Truth Table

A	0	0	0	0	1	1	1	1
В	0	0	1	1	0	0	1	1
\mathbf{C}	0	1	0	1	0	1	0	1
X	0	1	1	0	1	0	0	1

0.2 Contents

Components	3
Hardware	4
Solution	5

Abstract- This manual shows the output X, for the given input A,B,C

- 1.Go to the working directory and execute and upload the code.
- 2. Whenever you change the inputs you will see the respective output.