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## Home Work # 3

### C++ IF-Else and While

**Submit Hard Copy (Had written solutions) in next class**

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**Question 1:** Read the chapter 4 of D.S. Malik 7<sup>th</sup> Edition

1. Control Structures Page Number **186 to 203** before strings.
2. Compound block statements Number **205 to 216**.
3. Confusion between (==) and (=) **220 to 221**.

**Question 2:** Solve following exercise questions from Chapter 4 of D.S. Malik 7<sup>th</sup> Edition

10, 15, 17, 20, 30, 31

**Question 3:** Read the chapter 5 of D.S. Malik 7<sup>th</sup> Edition

1. While Page Number **264 to 275**.

**Question 4:** Solve following exercise questions from Chapter 5 of D.S. Malik 7<sup>th</sup> Edition

2, 4, 6, 9, 10, 13, 14, 17

**Question 4:** Design the C++ code of following questions on paper.

1. Write code for a program that prints the numbers from 1 to 100. But for multiples of three print “Fizz” instead of the number and for the multiples of five print “Buzz”. For numbers which are multiples of both three and five print “FizzBuzz”.



#### 2 Times Table Chart

2 x 0	=	0
2 x 1	=	2
2 x 2	=	4
2 x 3	=	6
2 x 4	=	8
2 x 5	=	10
2 x 6	=	12
2 x 7	=	14
2 x 8	=	16
2 x 9	=	18
2 x 10	=	20

2. Print Table of any Number input by user, in given format.
3. Write code for a program which reads 10 integers from the user and output the largest value input, you cannot store 10 numbers in 10 variables or in array, only use single variable for input.
4. A student buys various books at the start of the semester from a bookshop. Write code for a program which takes the total amount spent on books and the total number of books as input and outputs the average cost per book.