

C Programming Technique – DCP 2073
FKKKSA – 20092010/1
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Assignment 2: Pseudocode

Please do this assignment as pair work.

1. Write a pseudocode for a program that required dividing two numbers together and displaying the result. However if the second number is a zero then the calculation can't be done as dividing a number by zero gives a result of infinity. **[Hint: IF/ELSE]**

2. Write a program to display the letter Grade (A, B, C, D, E or F) for a student based on their numeric mark for a subject (based on UTM's Marks Grade). A numeric mark is always a whole number. **[Hint: IF/ELSE IF – Multiple Choices]**

3. Write a pseudocode to calculate the total of a series of students marks. The user initially inputs the number of marks to be input. Students' marks are whole numbers. Assume marks input by the user are valid. **[Hint: WHILE]**

Example Runs in Borland C++

```
Run  
Number of marks ? 4  
Mark (0 to 100) ? 80  
Mark (0 to 100) ? 60  
Mark (0 to 100) ? 45  
Mark (0 to 100) ? 95  
  
Total marks = 280.0
```