

ESc101N: Fundamentals of computing(Lab Session 2)

August 12, 2009

Instructions

1. Please read the question carefully and write the program accordingly
2. Make sure that the TA has graded you program
3. The marks are distributed as follows. You get 60% of the marks if the basic algorithm is current, 20% if you manage to compile and execute and 20% for writing the code cleanly, i.e. using proper variable names, intending and making the code more readable.

Question 1. (10 marks) Write a program that takes as input two integers n and m and prints the multiplication table of n and m upto 10 side by side separated by a tab character. What is the escape sequence for tab character ? You can find it out using the command `man ascii` on the terminal. Here is a sample interaction of the program.

```
$ mult
enter the first number: 2
enter the second number: 3
2 x 1 = 2      3 x 1 = 3
2 x 2 = 4      3 x 2 = 6
2 x 3 = 6      3 x 3 = 9
2 x 4 = 8      3 x 4 = 12
2 x 5 = 10     3 x 5 = 15
2 x 6 = 12     3 x 6 = 18
2 x 7 = 14     3 x 7 = 21
2 x 8 = 16     3 x 8 = 24
2 x 9 = 18     3 x 9 = 27
2 x 10 = 20    3 x 10 = 30
$
```