

Roll No.:

1. Create a folder (directory) **LTSTB** in your home directory.
2. Create a C program file **quadb.c** in the folder **LTSTB**.
3. The C program implements the following:
 - (a) It accepts **b** and **c** (from the keyboard) of the quadratic equation $x^2 + bx + c = 0$ such that either the condition $b + c \leq -6$ or the condition $b + c \geq 5$ holds. If neither of the condition holds, then the program terminates with a message “Wrong Input”.
 - (b) It then finds the non-real roots and prints them with two decimal places.
 - (c) In case of real roots, it prints the message “Non-real roots do not exist”.

—————End of Lab—————

Note down the output with (i) $b = 2, c = 3$ (ii) $b = -5, c = 2$ (iii) $b = 4, c = 5$