

Graded Lab 03

Time: 40 mins

Create a character array in the **(.data)** section and write your name **[sample input (Nabeera)]**. Then you need to write a procedure named **(Reverse)**, you need to call the procedure and pass the character array as an argument to that procedure.

The procedure then receives a character array, reverse the name, and prints that name in the center of the screen in reverse order. In the output, you need to ensure that each character should have different foreground and different background colors.

Hint for changing background and foreground.

Mov AI,00001000

Mov BI,10000000

Or al,bl

