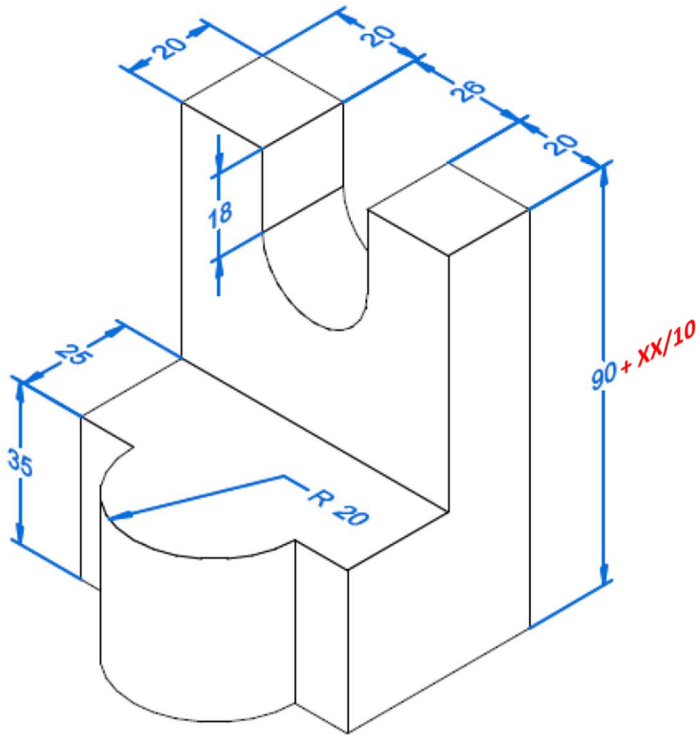


Assignment 2

- **XX** represents the last two digits of your roll no.
- Please follow the sign convention for naming your files before submission.

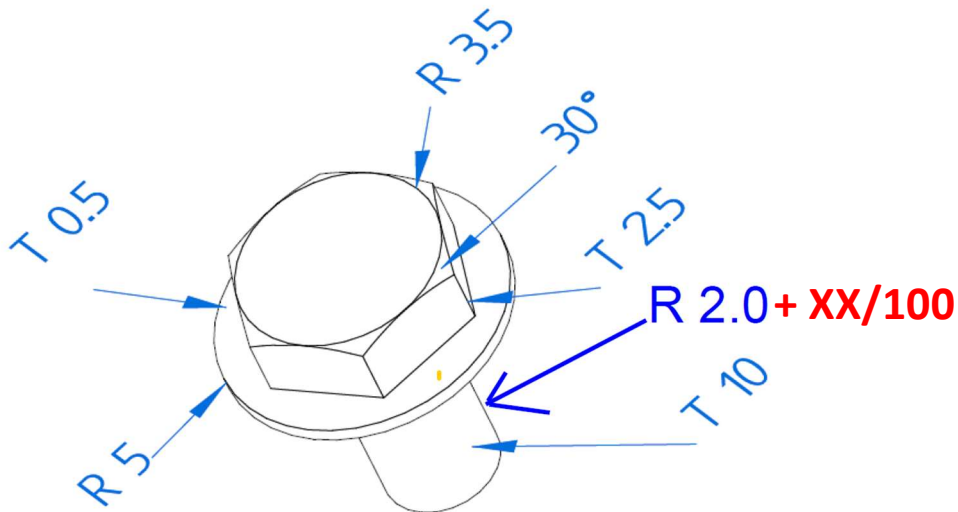
Problem 1

(30 marks)



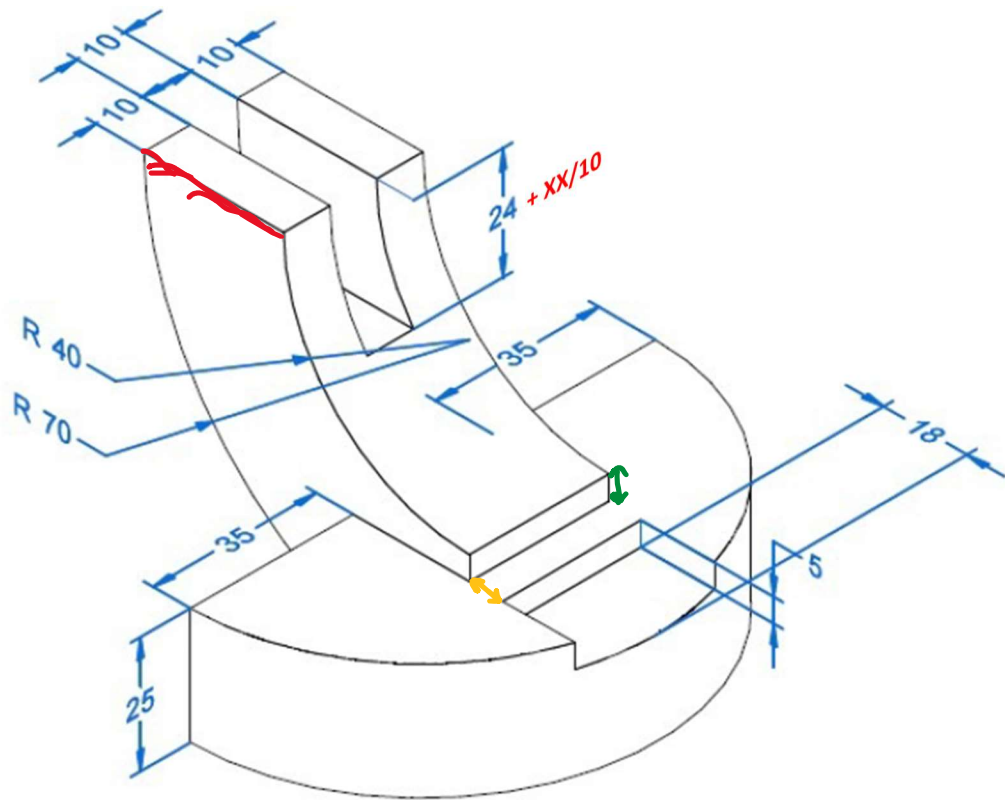
Problem 2

(35 marks)



Problem 3

(35 marks)



We know that the red line is 30 mm ($70-40$) long. Therefore, the green line should be $(30-25 = 5$ mm) long. The yellow distance is not known. We can assume it to be 10 mm long.