BLG102E - INTRODUCTION TO
SCIENTIFIC AND ENGINEERING COMPUTATION
2020 -2021 Spring
FINAL EXAM

Date:	24 June 2021
Duration:	**40 minutes**
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1 (30 pts). Download the test file "q1.yaml", implement your solution in a source file named "q1.c", and **submit the file "q1.c" to Ninova.**

Make sure to test your solution against the test file using Calico (the command is given below). Your solutions will be automatically graded with different test cases.

```
python -m calico.cli q1.yaml
```

Write a full C program that takes a number and a digit from the user and prints whether the number contains the digit or not. Two sample runs are given below (the yellow highlighted parts are user inputs):

```
Number: 829
Digit: 5
829 does not contain 5.

Number: 46197
Digit: 1
46197 contains 1.
```

You are not allowed to include any header files except the following: `stdio.h` `stdlib.h` `stdbool.h`. You are not required to include all of these.