

- a. First, take a single-digit user input between 5 and 9 (inclusive). Check if the number is between 5 and 9. If not, display: “Invalid input! Try again.” and prompt the user to enter a number again.

E.g.:

Enter a number between 5 and 9:

6

- b. For correct input at (a), depending on the value, prompt the user that many times for inputs, where the user will give single digits (0-9) separated by commas as input. Assume that the user will give proper inputs at this stage.

E.g.:

Please give your inputs:

1,2,3, (6 characters)

- c. Split the user input sequence using the comma, and store the individual digits in an array.

E.g.:

1	2	3
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- d. Print these numbers from the array on separate lines.

E.g.:

Extracted digits are:

1

2

3

- e. Define a procedure called sq_gen that will take these digits from the array as input and find their respective squares. Display the squares separated by commas as output in a single line.

E.g.:

The squares are: 1,4,9