%------------------Write a program to find the number ten from a series of random numbers--------------%

series = randi([1, 20], 1, 10); % Randi function is use to generate random numbers

disp('Generated series:');

display(series);

if any(series == 10)

display('The number ten is found in the series.');

else

display('The number ten is not found in the series.');

End

**OUTPUT:**

Generated series:

series =

17 19 3 19 13 2 6 11 20 20

The number ten is not found in the series.

%-------Use if-else statement to determine the largest of two number----%

% Prompt the user to enter two numbers

numf = input('Enter the first number: ');

nums = input('Enter the second number: ');

% Compare the two numbers using if-else statement

if numf > nums

disp('The first number is larger.');

elseif nums > numf

disp('The second number is larger.');

else

disp('Both numbers are equal.');

end

**Output:**

Enter the first number: 10

Enter the second number: 50

The second number is larger.