Assignment 5

1. Write a program to print all elements of an array using the function.
   Input
   > Input elements: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

   Output
   > Array elements: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

2. Write a program to find the sum of array elements using the function.
   Input
   > Input array elements: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

   Output
   > Sum of array: 55

3. Write a function takes a matrix then return the sum of main diagonal (major diagonal) elements of the matrix.
   Input
   > Input array elements:
   > 1 2 3
   > 4 5 6
   > 7 8 9

   Output 15

4. Write a function takes string then return the most repeated char
   Input aaabca
   Output a

5. Write a function receive string and convert it to lowercase
   Input: AbCD
   Output: abcd

6. Write a function to check all chars are digits or not
   input : 12354
   Output: true
   Input: a123
   Output: false

7. Function to reverse int using recursion
   input : 5324
   Output:4235

8. Function to return the max digit in int
   Input:5234
   Output: 5