ASSIGNMENT-7

1)
```
def second_smallest(list1):
    smallest = list1[0]
    second_smallest = list1[0]
    for i in range(1, len(list1)):
        if list1[i] < smallest:
            second_smallest = smallest
            smallest = list1[i]
        elif list1[i] < second_smallest:
            second_smallest = list1[i]
    return second_smallest

    print(second_smallest([1, 2, -8, -2, 0]))
```

1)
```
def exchange_chars(str1):
    first_char = str1[0]
    last_char = str1[-1]
    new_str = last_char + str1[1:-1] + first_char
    return new_str

    print(exchange_chars('ram'))
```

2)
```
def longest_word_length(words):
    longest_word = words[0]
    longest_word_length = len(longest_word)
     for word in words:
      if len(word) > longest_word_length:
    longest_word = word
    longest_word_length = len(word)
    return longest_word_length

   print(longest_word_length(["college", "assignments", "projects", "holidays",

 "deadlines"]))
```

3)
```
def remove_nth_character(str1, n):
        if n < 0 or n >= len(str1):
    return str1 new_str = ""
            for i in range(len(str1)):
        if i != n: new_str += str1[i]
    return new_str

    print(remove_nth_character("laptop", 2)
```

4)
```
def  key_present(dictionary, key):
    if key in dictionary:
        return “Key is present in the dictionary”
    else:
        return “Key is not present in the dictionary”
dictionary = {1: 10, 2: 20, 3: 30, 4: 40, 5: 50, 6: 60}
print(key_present(d,  5))
print(key_present(d,  9))
```