SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

FACULTY OF ENGINEERING AND TECHNOLOGY

SCHOOL OF COMPUTING

DEPARTMENT OF NETWORKING AND COMMUNICATIONS

21CSC203P ADVANCED PROGRAMMING PRACTICE

Week 5 – Tutorial Assignment

1. Write a Java program (using function) to print the mirror image of the given string.
2. Write a Java program (using function) to check if two strings are rotationally equivalent.

   Sample Output

   string 1 is : srmist

   string 2 is : tsrmis

   Are two strings Rotationally equal ? : True
3. Write a Java program (using function) to print the even numbers from a given list.
   (Note : function type - with arguments but no return values)
4. Write a Java function (using function) that checks whether a passed string is palindrome or not. (Note : function type - No arguments with return values)
5. Write a Java function (using function) that checks whether a given number is prime or not (Note : function type - with arguments with return values)
6. Write a Java program to find the digits which are absent in a given mobile number (using function)
7. Write a Java program using function that will return true if the two given integer values are equal or their sum or difference is 5.
8. Write a Java program using function to count the number of each character of a given text/string.
9. Write a Java program using function to print all Possible Combinations from the three Digits
10. Write a Java program using function to count unique values in an array of 15 elements.