Activity – 1: Exercises based on Arrays, Strings, Classes and Objects.

1. Consider a class of 5 students for the course CSE1001. Below is mark scored by the students?

Register Number	Mark
REG1001	56
REG1002	76
REG1003	85
REG1004	92
REG1005	66

Calculate Grade as per data given below:

<50	>=50 and <60	>=60 and <70	>=70 and <80	>=80 and <90	<=90
F	D	C	B	A	S

Display the absolute grade for each student and class average. (Use Array implementation).

2. Vowelgrams are words or sentences that has every vowel (a,e,i,o,u) of the English alphabet occurring at the most once. Write a Java method to check whether a string is a vowelgram or not. For example,"You black tiger" is a vowelgram. Test the method with main().

3. Create a Driver class to describe a Driver details. Add fields such as driverName, age, drivingLicenseType (LMV, HMV, MGV, HGMV). Define constructors to initialize the objects. Create atleast 5 objects and Write Java code display the Objects with drivingLicenseType as 'HMV'.