**Pseudocode**

IMPORT java.util.\*

IMPORT java.io.\*

CREAT class Studentmarks

DEFINE instance variables

CREATE static void main

CREATE try

DEFINE scanner sc

DEFINE unitName

DEFINE text fro header

PRINT record

` CREATE catch

PRINT Error

PRINT size of student records

CREATE Static void

DEFINE data type

DEFINE array

IF length of student record < 3

GET A1 = 0

ELSE

GET A1=3

IF length of student record < 4

GET A2 = 0

ELSE

GET A2=4

IF length of student record < 5

GET A3 = 0

ELSE

GET A3=5

CREATE array list assignments and add A1, A2, A3

IF A1 is not empty

CALCULATE total A1

IF A2 is not empty

CALCULATE total A2

IF A3 is not empty

CALCULATE total A3

PRINT size of assignments

CREATE variables

ADD student to student records

DEFINE display student records

PRINT bio data of students

**Algorithm 1**

Step 1: Start

Step 2: Read .csv file

Step 3: Calculate total marks of each student

Step 4: Calculate highest and lowest total mark

Step 5: Print top 10 highest mark

Step 6: print top 10 lowest mark

**Algorithm 2**

Step 1: Start

Step 2: Read .csv file

Step 3: Calculate total marks of each student

Step 4: Calculate highest and lowest total mark

Step 5: Menu System

Step 6: Run all the function of algorithm 1