Algorithm 3 to print the list of students with total marks less than a certain threshold.

1. Create a method called StudentMarkThreshold with a variable double ‘threshold’ as input.
2. Create an array of students ‘students’ from the file.
3. Prompt user to give value of threshold as double, between 0 and 100.
4. For each student in ‘students’ array, use getTotalMark to calculate total mark of the student:

totalMark = mark1 + mark2 + mark3

1. Compare student’s total mark to threshold and print the outcome

If student.getTotalMark < threshold, print Student name, ID and total mark.