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

1. Create a function called ThresholdBasedList.
2. Create a double type of variable ‘treshold’.
3. Create an array of students ‘students’ from the file.
4. Prompt user to give value of threshold as double.
5. Read the value.
6. Store the value.
7. For each student in ‘students’ array, check the value of marks and compare with given threshold

If the value is lower, print list with student name, id and total marks.

Algorithm 4 to print the top 5 students with the highest total marks and the top 5 students with the lowest total marks.

1. Create a function called TopStudents.
2. Create a list called topStudents.
3. Crate a list called bottomStudents.