Add the following functions prototypes, menu options and function definitions to the main project file:

void DoCheckPassByName(void);

//allows the user to enter student name then outputs a message indicating whether the student has passed or not.

void DoDisplayBestStudent(void);

//outputs the name(s) of the student(s) with the highest Total Mark

Note: This function will need to call a function GetTotalMark() defined as part of the class definition which will calculate the student’s overall total mark:

void GetTotalMark(void);

void DoDisplayNumberofFailures(void);

//outputs the total number of students who have failed.

void DoGetClassAverage(void);

//outputs the class average mark.