You have to generate result of a student for undergrad or masters applying respective logic. For undergrad,the marks of best 3 class-tests, attendance and term-final will be summed up. The weight for calculating final mark is 10%, 20%, and 70% respectively. On the other hand, for masters, the marks for assignment, presentation,and final exam will be considered with weights 30%, 15%, and 55%. The user will input the program, i.e, UG/MS first and then exam names (e.g. Class-test 1) with corresponding mark for that exam. Both the total number of the subject and letter grade of it will be recorded as a result and returned to the user. Write appropriate code to implement the scenario.