PROGRAMMING
FUNDAMENTAL PROJECT

Write a C++ program to grade an n question multiple-choice exam where n=5 and provide feedback about the most frequently missed questions.

Phase 1: Question Answer Initialization you have to keep record of 5 different questions in your program with their respective correct answers using arrays. Your program will ask you on startup to create questions for the exam where each question should be stored in separate array and then enter respective choices in separate arrays. You also have to keep record of the correct answer, so create another array keeping track of the correct answer as follows: for q1 correct answer will be stored at index 0 of answered array, for question 2 correct answer will be stored at index 1 and so on.

While creating question answer file, display the following note on screen.

1. Each question must terminate for(?) sign. You must enter (?)in the end of each question. For Example: What is your name?

2. Each choice terminates with dot(.). You must enter (.) in the end of Choice.

3. Enter option numbering in Integer :(no char)
   For Example: 1) Ali.

4. Kindly follows this sequence strictly. thanks

Phase 2: Start the Quiz
The quiz should be answered by 5 students in parallel as follows:
The program will first ask for user id's who are going to play the quiz then

Your program will ask n questions from user by reading questions from your saved records and their respective choices will be displayed to user, from which user will input the choice he /she think is correct. Keep record all the answers of student 1 in one array, for second in another array and so on.

Once all the inputs are done then move on to next phase.

Phase 3: Display Results

Your program should display the results of each student with the integer student ID followed by a space and then that student's answers or in readable way as you like.
Your program then display the answer key showing correct answers and then the student's score as a percentage and then information about how many students missed each question. Here are short sample.

Expected Output:

Students Answers Are As Follows:

Student ID	Q1	Q2	Q3	Q4	Q5
5	d	b	b	a	c
111	d	a	b	a	c
102	d	c	b	d	c
251	d	b	b	a	c

Exam Report :

Answer key

Question	1	2	3	4	5
Answer	d	b	b	a	c

Student Scores:

ID	Score(%)
5	100
111	80
102	60
251	100

Questions	1	2	3	4	5
Missed by	0	2	0	1	0