Print score, percentage, and grade achieved

Login accepted

Print question

Number of answers = numbers of questions?

No

Yes

mark = mark + 1

Answer = answer from mark scheme?

User answers question

Program loads the [difficulty] [subject] quiz

User chooses difficulty for the quiz

User is asked what subject they’d like to study

Do the login details input match that of an already existing account?

No

Login prompt

No

Enter a password

Display user details

Program creates username with first 3 letters of name, and the age

Do you have an account?

Start

Input name

Input age

End

Do another quiz/logout?

Specific user

Read from the inputted users file, and print the details found

Print average score and high score details

Read from the inputted subjects file, and calculate the average score, and find the high score

Specific subject

Program asks user if they’d like to see a report on a specific user’s quiz details, or a specific subject

Save score on the quiz into the subject’s text file, along with the username of the person

Save details for the quiz into the user’s text file