

BATCH NO.461
PROJECT REPORT...

TITLE:- Quiz on c++ programming

TEAM MEMBERS:-

NAMES	ROLL NO.	WORK HOURS
team1-		
1) Surendar Jaipal	110040027	7.5
2) Shubham Sadavat	110040024	7.5
3) Smitesh Behera	115060007	6.5
team2-		
1) Subhadra Dasgupta	115090024	7.5
2) Srijit Chakrabarty	115280027	7.5
3) Shivalingam	11i060004	5.5

NAME OF PROF.:-

Prof. D.B.Phatak

INTRODUCTION:-

This is a quiz on c++ programming. The one who appears in quiz have to answer 30 questions in 15 minutes. The user has to answer one question to move on to the next question. The user is not allowed to change his answers once the answer is submitted. For a question which is answered correctly he will be awarded 4 marks and for a wrong answer -1 marks will be awarded. After he have answered all the 30 question or the time is over, then he will be evaluated. At the end total marks scored by the user will be displayed to him.

MODULES-

1) Data base:-

There will be a total of about 100 questions and corresponding choices and the correct answer (known to programmer). These questions will be divided into 5 sets of questions (each contain 30 questions).

2) Implementation array and classes and objects:-

Once the quiz is started the question set is selected randomly. We have to read the text file and put the questions into a two dimensional array Q, the four corresponding answers will be put into array Op[i][j], the corresponding correct answer no. is to be put into array ans[i]. We will use loops to display the question (one by one). The answer no. given by the user will be put in an array C[i]. If C[i] = A[i] i.e answer is correct, a counter k will increase by 1. If C[i] != A[i] i.e for wrong answer another counter l will be increased by 1.

3) main function:-

In programme we will use RAND function to randomly select the question set no. (the file containing the question set is selected by a switch statement). We will use time function to terminates programme after 15 min.

we will put the answer and question into the respective arrays using 'fgets'.

The file containing the questions will be in the following format:

A new question starts from a new line, and starts with a Q (e.g Q4)

The choices start from a new line with '('. There are exactly 4 choices to a question, each choice starting from a new line. After this the correct answer is stored (eg. B).

WORK DISTRIBUTION

team1:- preparing data base.

team 2:- working on programm algorithm

Though both the teams initially worked on two different topics. But finally both the teams will work for the coding and database together.

(if time permits we want to make some modification in programme like user will be able to leave a qns. if he want)

****Changes in project after completion of project 1 report-:**

1. Use random function to generate random question
2. User can quit the exam any time.