

Chapter - 1

Project Definition

1.1 Aim of project:

Our project includes a game in C++ named “ KBT-The Quiz Game ”. This simple quiz game creates a gaming environment and expand your computer based knowledge with just few basic software requirements.

1.2 Purpose:

To play a game that enhances the knowledge.

1.3 Scope:

We can take exams in school or college with use of this project . we can make a game of general knowledge with use of this project.

Chapter - 2

Description

Knowledge is power. Test your hardware and software based knowledge! This is a multiple choice quiz. You can compare your knowledge with the rest of the world. First of all, user have given a software file (.exe) , so that the security of the code is maintained and there is no chance of any changes in code . We have created a game in C++ in which user can play it through keyboard.

How to Play:

First you have to submit your name and id number.

This is a multiple choice quiz game , so you have to choose 1 answer from given 4 options.

If your answer is correct then you are given 5 points.

After answering all the questions your total score will be shown.

Chapter - 3

Requirements

Hardware Requirements

- RAM : 1 GB or above
- Processor : Intel Core 2 duo or above

Software Requirements

- Operating System: Windows 7 or above
- Front End : Codeblocks

Chapter - 4

Major Features

The game is packed with different question based on hardware and software of computer system giving you power of knowledge.

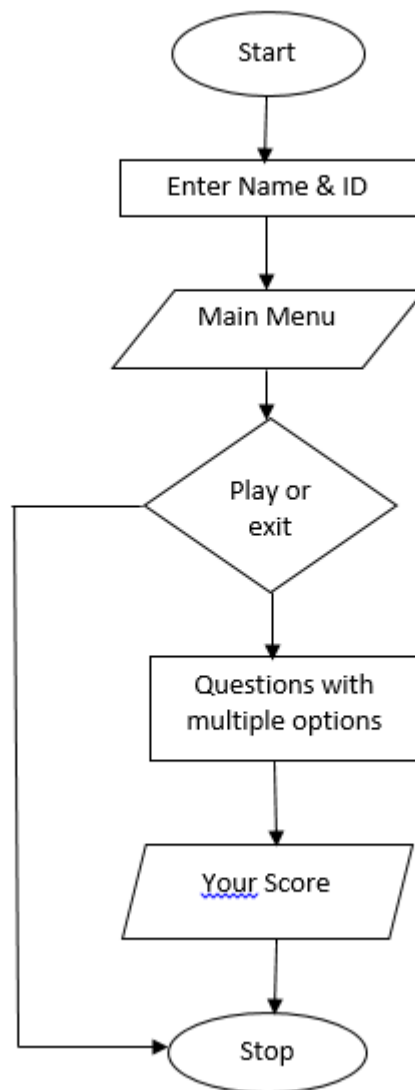
We have a separate text file which consists of all questions and options. So only developer can change the questions and options whenever they want.

Another main feature of our project is that we have given a .exe file, with which user can only have access to the game. With the help of this, no one can make changes of any kind in the coding of the game so there is no chance of cheating.

We also have a data file which keeps record of the Name , Id and Marks of every user.

Chapter - 5

Flow Chart



Chapter - 6

Screenshots of Project output

```
"G:\KBT-The Quiz.exe"

*** KBT - The Quiz Game ***

Total Marks:50
*5 marks per Question

-----
Contestant Name:Dhvanit
Contenstant ID no:16IT001
-----

select your choice:
Y for start exam
N for quit the exam :
y

-----
1)Sometimes computers and cash registers in a foodmart are connected to a UPS system. What does UPS mean?
A)United Parcel Service
B)Uniform Product Support
C)Under Paneling Storage
D)Uninterruptable Power Supply

ans:d
* correct ans.

-----
2)What does EPROM stand for?
```

In this screen shot we are shown the starting output of our project. First it asks the user to input his/her name and ID. After that it asks to play or exit the game. If you enter y then the game starts. One by one questions and their 4 options are given to you , you have to select one of the option by entering from keyboard. After giving each answer it shows that answer is correct or not.

```
"G:\KBT-The Quiz.exe"

9)What verb refers to automatically loading and executing commands?
A)Bootstrapping
B)Synchronizing
C)Compiling
D)Formatting

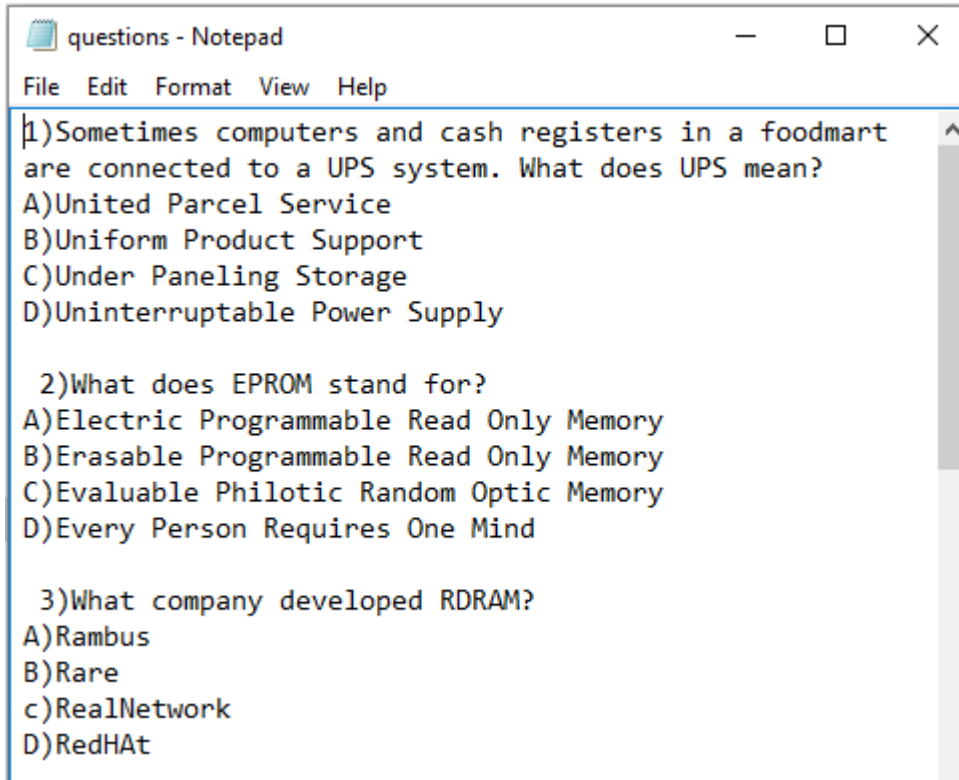
ans:b
# Wrong ans.

10)What term may be used as a synonym for a software patch?
A)Honey-pot
B)Hotfix
C)Half-tone
D)Hyperlink

ans:b
* correct ans.

**Result:
  Dhvanit you got total 25 marks,out of 50.
```

In this screen shot we are shown the ending output of our project . After the end of whole quiz , it shows the total score.

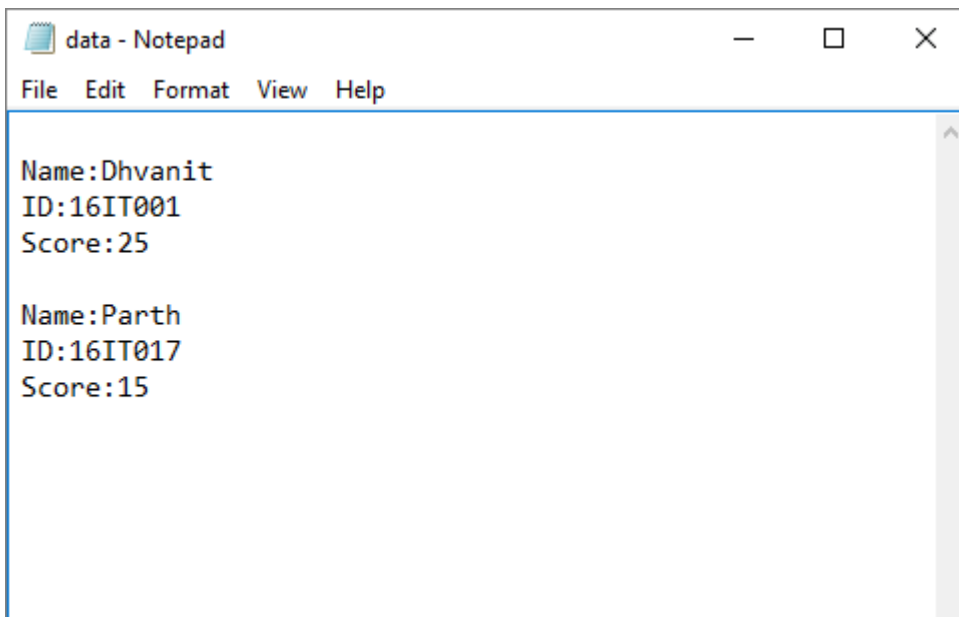


```
questions - Notepad
File Edit Format View Help
1)Sometimes computers and cash registers in a foodmart
are connected to a UPS system. What does UPS mean?
A)United Parcel Service
B)Uniform Product Support
C)Under Paneling Storage
D)Uninterruptable Power Supply

2)What does EPROM stand for?
A)Electric Programmable Read Only Memory
B)Erasable Programmable Read Only Memory
C)Evaluable Philotic Random Optic Memory
D)Every Person Requires One Mind

3)What company developed RDRAM?
A)Rambus
B)Rare
c)RealNetwork
D)RedHAt
```

In this screen shot we are shown the output of file which have questions and options.



```
data - Notepad
File Edit Format View Help
Name:Dhvanit
ID:16IT001
Score:25

Name:Parth
ID:16IT017
Score:15
```

In this screen shot we are shown the output of file which maintains data record (Name , Id , Score) of every users that played this game.

Chapter - 7

Limitations of Project

Main limitation of our project is that we cannot add graphics to our project as if graphics are added then the software and hardware requirement changes .

Chapter- 8

Outcome

Self Analysis of Project Viabilities

In this project we learnt some basic concepts of C++ including file handling.

Project Effort and Time

Every member of team has given his time to learn and explore coding in C++. Every member have given their time 3 hours weekly in this project. Every member had worked on this project equally.

Chapter - 9

Future Enhancement

In future, we would like to add graphical user interface and attracting features which are different from this interface.

We would like to develop mobile app in different platforms for making it easier and beneficial to user.

We would also like to add different gaming soundtracks in this game.

Chapter - 10

References

Book:

- Object Oriented Programming in c++ by E balagurusamy

Websites:

- cppprojectcode.blogspot.in
- www.tutorialspoint.com
- geeksforgeeks.org