

KAMLAVATI SENIOR SECONDARY SCHOOL



ACADEMIC YEAR : 2020-21

PROJECT REPORT ON

QUIZ MANAGEMENT SYSTEM

ROLL NO :

NAME : **S. Venkat Balaji**

CLASS : **XII**

SUBJECT : **COMPUTER SCIENCE**

SUB CODE : **083**

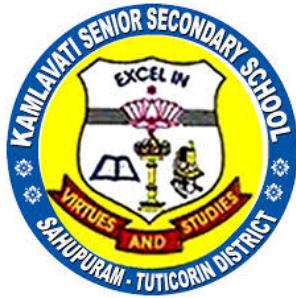
PROJECT GUIDE: **Mrs. Ansala**

Kamlavati senior secondary school

Tuticorin district

Tamil Nadu

KAMLAVATI SENIOR SECONDARY SCHOOL



CERTIFICATE

This is to certify that Cadet S. Venkat Balaji CBSE Roll No: has successfully completed the project Work entitled "**QUIZ MANAGEMENT SYSTEM**" in the subject Computer Science (083) laid down in the regulations of CBSE for the purpose of Practical [Examination in Class XII to be held in Kamlavati senior secondary school.

(Ansala)

Computer Science

Examiner:

Name:

Signature:

Date:

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ACKNOWLEDGEMENT

Apart from the efforts of me, the success of any project depends largely on the encouragement and guidelines of many others. I take this opportunity to express my gratitude to the people who have been instrumental in the successful completion of this project.

I express a deep sense of gratitude to almighty God for giving me strength for the successful completion of the project.

I express my heartfelt gratitude to my parents for constant encouragement while carrying out this project.

I gratefully acknowledge the contribution of the individuals who contributed in bringing this project up to this level, who continues to look after me despite my flaws,

I express my deep sense of gratitude to the luminary The Principal, Kamlavati senior secondary school who has been continuously motivating and extending their helping hand to us.

I express my sincere thanks to the academician The Vice Principal, Kamlavati senior secondary school, for constant encouragement and the guidance provided during this project

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My sincere thanks to Mrs.Ansala , In-charge, A guide, Mentor all the above a friend,who critically reviewed my project and helped in solving each and every problem, occurred during implementation of the project

The guidance and support received from all the members who contributed and who are contributing to this project, was vital for the success of the project. I am grateful for their constant support and help.

INTRODUCTION

Quiz is a wonderful way to test one's knowledge. But when it comes to storing the data in a structured and schematic way it is a hectic task so in order to tackle this problem, we must have a data management system for this, so this work of management system will not only help you to store the data but will also help you to maintain a detailed record of your quiz programme.

ENJOY!!!!!!

OBJECTIVES OF THE PROJECT

The objective of this project is to allow the management to maintain a clean and structured detail of their quiz programme.

Write programs utilizing modern software tools.

1. Apply simple principles effectively when developing small to medium sized projects.
2. Write effective procedural code to store small to medium sized information.
3. Students will demonstrate a breadth of knowledge in computer science, as exemplified in the areas of systems, theory and software development.
4. Students will demonstrate ability to conduct research or applied Computer Science project, requiring writing and presentation skills which exemplify scholarly style in computer science.

PROPOSED SYSTEM

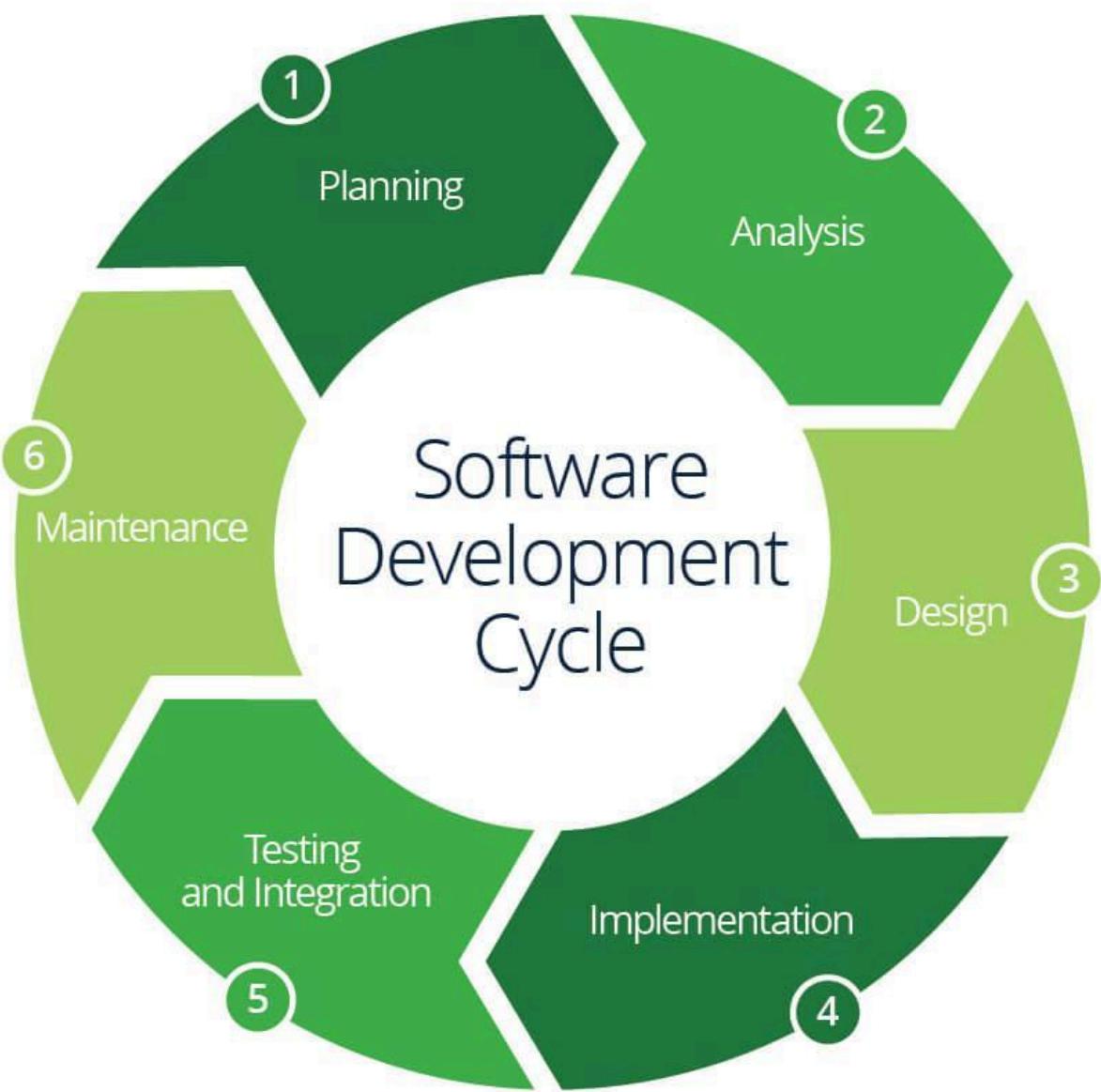
Today one cannot afford to rely on the fallible human beings who really want to stand against today's merciless competition where not too wise saying "**to err is human**" is no longer

valid, it's outdated to rationalize your mistake. So, to keep pace with time, to bring about the best result without malfunctioning and greater efficiency so to replace the unending heaps of flies with a much-sophisticated hard disk of the computer.

One has to use the data management software. Software has been an ascent in atomization various organisations. Many software products working are now in markets, which have helped in making the organizations work easier and efficiently. Data management initially had to maintain a lot of ledgers and a lot of paperwork has to be done but now software product on this organization has made their work faster and easier. Now only this software has to be loaded on the computer and work can be done.

This prevents a lot of time and money. The work becomes fully automated and any information regarding the organization can be obtained by clicking the button. Moreover, now it's an age of computers and automating such an organization gives a better look.

SYSTEM DEVELOPMENT LIFE CYCLE (SDLC)



The systems development life cycle is a project management technique that divides complex projects into smaller, more easily managed segments or phases. Segmenting projects allows managers to verify the successful completion of project phases before allocating resources to subsequent phases.

Software development projects typically include initiation, planning, design, development, testing, implementation, and maintenance phases. However, the phases may be divided differently depending on the organization involved.

For example, initial project activities might be designated as request, requirements-definition, and planning phases, or initiation, concept-development, and planning

phases. End users of the system under development should be involved in reviewing the output of each phase to ensure the system is being built to deliver the needed functionality.

PHASES OF SYSTEM DEVELOPMENT LIFE CYCLE

INITIATION PHASE

The Initiation Phase begins when a business sponsor identifies a need or an opportunity.

The purpose of the Initiation Phase is to:

- Identify and validate an opportunity to improve business accomplishments of the organization or a deficiency related to a business need.
- Identify significant assumptions and constraints on solutions to that need.
- Recommend the exploration of alternative concepts and methods to satisfy the need including questioning the need for technology, i.e., will a change in the business process offer a solution?
- Assure executive business and executive technical sponsorship. The Sponsor designates a Project Manager and the business need is documented in a Concept Proposal. The Concept Proposal includes information about the business process and the relationship to the Agency/Organization.
- Infrastructure and the Strategic Plan. A successful Concept Proposal results in a Project Management Charter which outlines the authority of the project manager to begin the project.

Careful oversight is required to ensure projects support strategic business objectives and resources are effectively implemented into an organization's enterprise architecture. The initiation phase begins when an opportunity to add, improve, or correct a system is identified and formally requested through the presentation of a business case. The business case should, at a minimum, describe a proposal's purpose, identify expected benefits, and explain how the proposed system supports one of the organization's business strategies. The business case should also identify alternative solutions and detail as many informational, functional, and network requirements as possible.

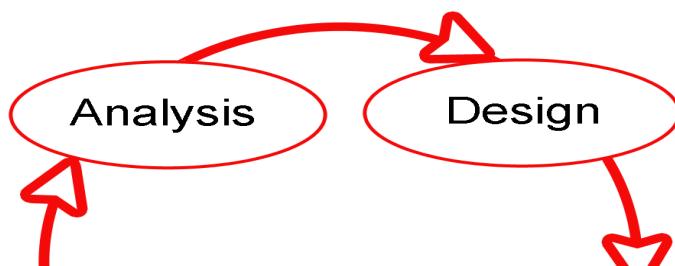
SYSTEM CONCEPT DEVELOPMENT PHASE

The System Concept Development Phase begins after a business need or opportunity is validated by the Agency/Organization Program Leadership and the Agency/Organization CIO.

The purpose of the System Concept Development Phase is to:

- Determine the feasibility and appropriateness of the alternatives.
- Identify system interfaces.
- Identify basic functional and data requirements to satisfy the business need.
- Establish system boundaries; identify goals, objectives, critical success factors, and performance measures.
- Evaluate costs and benefits of alternative approaches to satisfy the basic functional requirements
- Assess project risks
- Identify and initiate risk mitigation actions, and Develop high-level technical architecture, process models, data models, and a concept of operations. This phase explores potential technical solutions within the context of the business need.
- It may include several trade-off decisions such as the decision to use COTS software products as opposed to developing custom software or reusing software components, or the decision to use an incremental delivery versus a complete, onetime deployment.
- Construction of executable prototypes is encouraged to evaluate technology to support the business process. The System Boundary Document serves as an important reference document to support the Information Technology Project Request (ITPR) process.
- The ITPR must be approved by the State CIO before the project can move forward.

PICTORIAL REPRESENTATION OF SDLC:



PLANNING PHASE

The planning phase is the most critical step in completing development, acquisition, and maintenance projects. Careful planning, particularly in the early stages of a project, is necessary to coordinate activities and manage project risks effectively. The depth and formality of project plans should be commensurate with the characteristics and risks of a given project. Project plans refine the information gathered during the initiation phase by further identifying the specific activities and resources required to complete a project.

A critical part of a project manager's job is to coordinate discussions between user, audit, security, design, development, and network personnel to identify and document as many functional, security, and network requirements as possible. During this phase, a plan is developed that documents the approach to be used and includes a discussion of methods, tools, tasks, resources, project schedules, and user input. Personnel assignments, costs, project schedule, and target dates are established.

A Project Management Plan is created with components related to acquisition planning, configuration management planning, quality assurance planning, concept of operations, system security, verification and validation, and systems engineering management planning.

REQUIREMENTS ANALYSIS PHASE

This phase formally defines the detailed functional user requirements using high-level requirements identified in the Initiation, System Concept, and Planning phases. It

also delineates the requirements in terms of data, system performance, security, and maintainability requirements for the system. The requirements are defined in this phase to a level of detail sufficient for systems design to proceed. They need to be measurable, testable, and relate to the business need or opportunity identified in the Initiation Phase. The requirements that will be used to determine acceptance of the system are captured in the Test and Evaluation MasterPlan.

The purposes of this phase are to:

- Further define and refine the functional and data requirements and document them in the Requirements Document,
- Complete business process reengineering of the functions to be supported (i.e., verify what information drives the business process, what information is generated, who generates it, where does the information go, and who processes it),
- Develop detailed data and process models (system inputs, outputs, and the process).
- Develop the test and evaluation requirements that will be used to determine acceptable system performance.

DESIGN PHASE

The design phase involves converting the informational, functional, and network requirements identified during the initiation and planning phases into unified design specifications that developers use to scriptprograms during the development phase. Program designs are constructed in various ways. Using a top-down approach, designers first identify and link majorprogram components and interfaces, then expand design layouts as they identify and link smaller subsystems and connections. Using a bottom-up approach, designers first identify and link minor program components and interfaces, then expand design layouts as they identify and link larger systems and connections. Contemporary design techniques often use prototyping tools that build mock-up designs of items such as application screens, database layouts, and system architectures. End users, designers, developers, database managers, and network administrators should review and refine the prototyped designs in an iterative process until they agree on an acceptable design. Audit, security, and quality assurance personnel should be involved in

the review and approval process. During this phase, the system is designed to satisfy the functional requirements identified in the previous phase. Since problems in the design phase could be very expensive to solve in the later stage of the software development, a variety of elements are considered in the design to mitigate risk. These include:

- Identifying potential risks and defining mitigating design features.
- Performing a security risk assessment.
- Developing a conversion plan to migrate current data to the new system.
- Determining the operating environment.
- Defining major subsystems and their inputs and outputs.
- Allocating processes to resources.
- Preparing detailed logic specifications for each software module. The result is a draft System Design Document which captures the preliminary design for the system.
- Everything requiring user input or approval is documented and reviewed by the user. Once these documents have been approved by the Agency CIO and Business Sponsor, the final System Design Document is created to serve as the Critical/Detailed Design for the system.
- This document receives a rigorous review by Agency technical and functional representatives to ensure that it satisfies the business requirements. Concurrent with the development of the system design, the Agency Project Manager begins development of the Implementation Plan, Operations and Maintenance Manual, and the Training Plan.

DEVELOPMENT PHASE

The development phase involves converting design specifications into executable programs. Effective development standards include requirements that programmers and other project participants discuss design specifications before programming begins. The procedures help ensure programmers clearly understand program designs and functional requirements. Programmers use various techniques to develop computer programs. The large transaction-oriented programs associated with financial institutions have traditionally been developed using procedural programming

techniques. Procedural programming involves the line-by-line scripting of logical instructions that are combined to form a program. Effective completion of the previous stages is a key factor in the success of the Development phase. The Development phase consists of:

- Translating the detailed requirements and design into system components.
- Testing individual elements (units) for usability.
- Preparing for integration and testing of the IT system.

INTEGRATION AND TEST PHASE

- Subsystem integration, system, security, and user acceptance testing is conducted during the integration and test phase. The user, with those responsible for quality assurance, validates that the functional requirements, as defined in the functional requirements document, are satisfied by the developed or modified system. OIT Security staff assess the system security and issue a security certification and accreditation prior to installation/implementation.

Multiple levels of testing are performed, including:

- Testing at the development facility by the contractor and possibly supported by end users
- Testing as a deployed system with end users working together with contract personnel
- Operational testing by the end user alone performing all functions. Requirements are traced throughout testing, a final Independent Verification & Validation evaluation is performed and all documentation is reviewed and accepted prior to acceptance of the system.

IMPLEMENTATION PHASE

This phase is initiated after the system has been tested and accepted by the user. In this phase, the system is installed to support the intended business functions. System performance is compared to performance objectives established during the planning phase. Implementation includes user notification, user training, installation of hardware, installation of software onto production computers, and integration of the system into daily work processes. This phase continues until the system is operating in production in accordance with the defined user requirements.

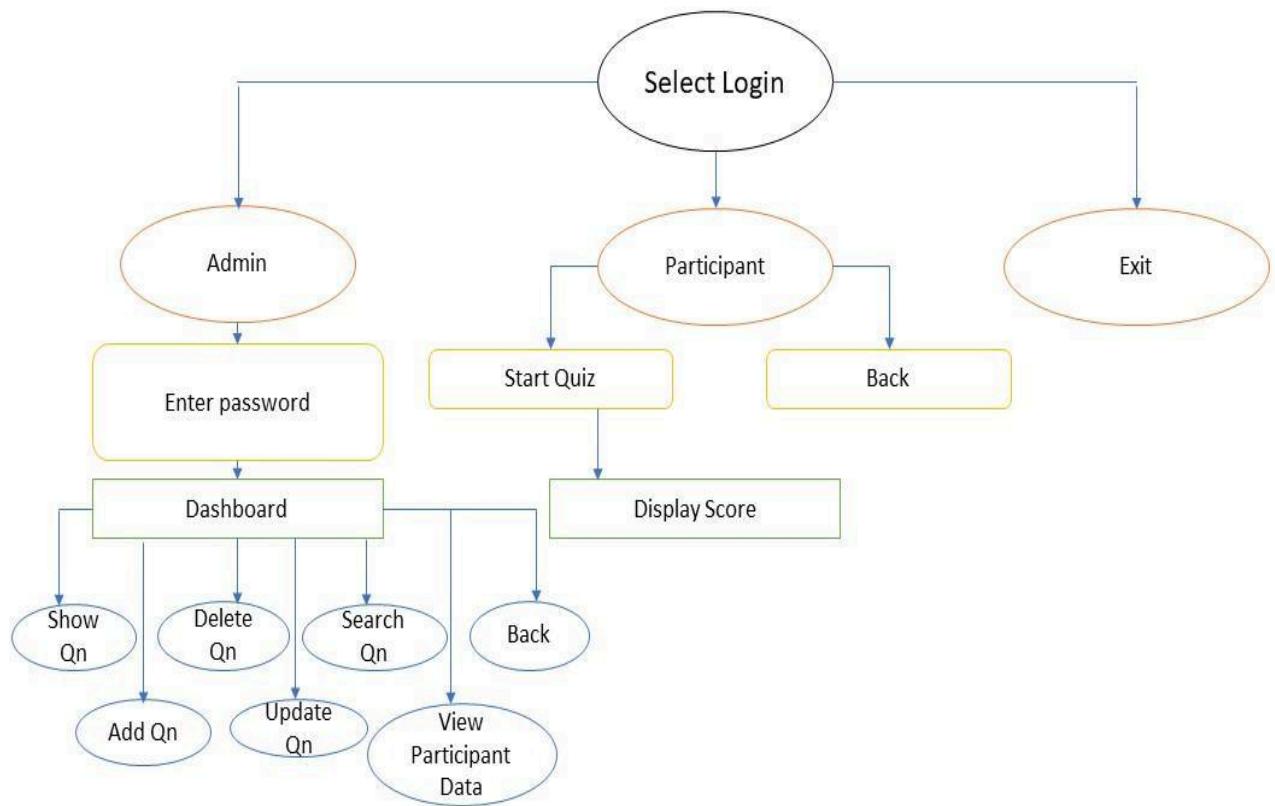
OPERATIONS AND MAINTENANCE PHASE

The system operation is ongoing. The system is monitored for continued performance in accordance with user requirements and needed system modifications are incorporated. Operations continue as long as the system can be effectively adapted to respond to the organization's needs. When modifications or changes are identified, the system may re-enter the planning phase.

The purpose of this phase is to:

- Operate, maintain, and enhance the system.
- Certify that the system can process sensitive information.
- Conduct periodic assessments of the system to ensure the functional requirements continue to be satisfied.
- Determine when the system needs to be modernized, replaced, or retired.

FLOW CHART



Source code

```

import mysql.connector
import sys
import time
from tkinter import *
from tabulate import tabulate
from tkinter import messagebox
from tkinter.font import Font
from PIL import ImageTk,Image
con = mysql.connector.connect(host="localhost", user="root", password="venkat,3balaji",
database="Venkat")
cur = con.cursor()

```

```

def Home():
    while True:
        print("\t\tKSSS\t\t\n    INTERSCHOOL QUIZ COMPETITION")
        print("Login\n  (1)Admin Login\n  (2)Participant Login\n  (0)Exit")
        choice = input("Enter your choice:")
        if choice.isdigit():
            choice = int(choice)
        else:
            print("Enter valid option!")
            continue
        if choice == 0:
            sys.exit()
        elif choice == 1:
            print("\t\tAdmin Login\t\t")
            admin()
        elif choice == 2:
            print("\t\tParticipant Login")
            part()
        else:
            print("Enter a valid option")

```

```

def show(op):
    sqlselect = "select * from quiz"
    cur.execute(sqlselect)
    data = cur.fetchall()
    if op == 1:
        for i in data:
            print(i[0], ")", i[1])

```

```

for j in range(2, 5):
    print(i[j])
print("Ans:", i[5])
print()

if op == 0:
    return data

def idnum():
    global qid
    while True:
        qid = input("Enter question ID:")
        if qid.isdigit():
            qid = int(qid)
            break
        else:
            print("Enter a number in Question ID!!")

def addq():
    n = int(input("No of questions to be entered:"))
    global qid
    for i in range(n):
        check = 0
        idnum()
        QP = show(0) # Question Paper
        while True:
            check = 0
            for i in range(len(QP)):
                if QP[i][0] == qid:

```

```

check = 1

if check == 1:
    print("A question with same ID exists")
    idnum()

else:
    break

q = input("Enter the question:")
o1 = input("OPTION1:")
o2 = input("OPTION2:")
o3 = input("OPTION3:")

while True:
    ans = input("CORRECT OPTION:")
    if ans.isdigit():
        ans = int(ans)
        if ans > 0 and ans <= 3:
            break
    else:
        print("Enter an option in (1,2,3)!")

else:
    print("Enter option number in CORRECT OPTION")

sql = "INSERT INTO Quiz (QID,question,op1,op2,op3,Answer"
VALUES(%s,%s,%s,%s,%s,%s)"

cur.execute(sql, (qid, q, o1, o2, o3, ans))
con.commit()

def delq():
    sqlc = "SELECT * FROM quiz WHERE qid=%s"
    sqld = "DELETE FROM quiz WHERE qid=%s"

    while True:

```

```

while True:
    n = input("Enter ID of question to be deleted:")
    if n.isdigit():
        n = int(n)
        break
    else:
        print("Enter number in Question ID")
QP = show(0)
for i in range(len(QP)):
    check = 0
    if QP[i][0] == n:
        check = 1
        break
if check == 1:
    print("EXISTING question at ID:", n)
    cur.execute(sqlc, (n,))
    data = cur.fetchall()
    print(data)
    for i in data:
        print(i[0], ")", i[1])
        for j in range(2, 5):
            print("\t", i[j])
        print("Ans:", i[5])
        print()
while True:
    yn = input("CONFIRM THIS IS THE QUESTION TO CHANGE\nEnter:\n(Y)YES\n(N)NO\n:")
    if yn in ("y", "n", "Y", "N"):

```

```

break

else:
    print("Enter \"Y\" or \"N\"")

if yn.upper() == "Y":
    cur.execute(sql, (n,))
    con.commit()
    print("DELETED ", n, "SUCCESSFULLY")

else:
    print("Enter ID of question which exists!!")
    continue

while True:
    yn = input("Do you want to delete more questions?\nEnter:\n      (Y)YES\n(N)NO\n:")
    if yn in ("y", "n", "N", "Y"):
        break
    else:
        print("Enter \"Y\" or \"N\"")

if yn.upper() == "N":
    break
else:
    continue

def changeoption():
    sqlc = "SELECT * FROM quiz WHERE qid=%s"
    sql = "UPDATE quiz SET {a}=%s WHERE qid=%s"

while True:
    while True:

```

```

n = input("Enter ID of question to be changed:")
if n.isdigit():
    n = int(n)
    break
else:
    print("Enter number in Question ID")
QP = show(0)
for i in range(len(QP)):
    check = 0
    if QP[i][0] == n:
        check = 1
        break
    if check == 1:
        print("EXISTING question at ID:", n)
        cur.execute(sqlc, (n,))
        data = cur.fetchall()
        for i in data:
            print(i[0], ")", i[1])
            for j in range(2, 5):
                print("\t", i[j])
            print("Ans:", i[5])
            print()
while True:
    o = input("CONFIRM WHICH OPTION TO CHANGE\nEnter:\n      (1)Option 1\n      (2)Option 2\n      (3)Option 3\n")
    if o in ("1", "2", "3"):
        o = int(o)
        print(o)

```

```

option = input("Enter option:") # changed option
optionnumber=0
if o == 1:
    optionnumber = "op1"
if o == 2:
    optionnumber = "op2"
if o == 3:
    optionnumber = "op3"
sqlf=sql.format(a=optionnumber)
cur.execute(sqlf, (option, n))
con.commit()
print("Updated successfully")
while True:
    print("Do you want to update more options of the same question?\n"
(1)\\"Y\\" (2)\\"N\\\"")
    yno = input("Enter:")
    if yno.upper() in ("Y", "N"):
        break
    else:
        print("Enter \"Y\" or \"N\"")
    if yno.upper() == "Y":
        continue
    else:
        break
else:
    print("Enter \"1\" or \"2\" or \"3\"")

```

```

else:
    print("Enter ID of question which exists!!")
    continue

while True:
    yn = input("Do you want to change more questions?\nEnter:\n      (Y)YES\n(N)NO\n:")
    if yn in ("y", "n", "Y", "N"):
        break
    else:
        print("Enter \"Y\" or \"N\"")

else:
    print("The ID does not exist!!")
    continue

if yn.upper() == "N":
    break
else:
    continue

while True:
    yn = input("Do you want to update options of more questions?\nEnter:\n      (Y)YES\n      (N)NO\n:")
    if yn in ("y", "n", "Y", "N"):
        break
    else:
        print("Enter \"Y\" or \"N\"")

if yn.upper() == "N":
    break
else:
    continue

```

```

else:
    print("The ID does not exist!!")

def chq(): # change question
    sqlc = "SELECT * FROM quiz WHERE qid=%s"
    sql = "UPDATE quiz SET question=%s WHERE qid=%s"
    while True:
        while True:
            n = input("Enter ID of question whose answer to be changed:")
            if n.isdigit():
                n = int(n)
                break
        else:
            print("Enter number in the Question ID")
        QP = show(0)
        for i in range(len(QP)):
            check = 0
            if QP[i][0] == n:
                check = 1
                break
        if check == 1:
            cur.execute(sqlc, (n,))
            data = cur.fetchall()
            print("EXISTING question at ID:", data[0][0])
            for i in data:
                print(i[0], ")", i[1])
                for j in range(2, 5):
                    print("\t", i[j])

```

```

print("Ans:", i[5])
print()
while True:
    yn = input("CONFIRM THIS IS THE QUESTION TO CHANGE\nEnter:\n(Y)YES\n    (N)NO\n:")
    if yn in ("y", "n", "Y", "N"):
        break
    else:
        print("Enter \"Y\" or \"N\"")
if yn.upper() == "Y":
    qch = input("Enter the question:")
    cur.execute(sql, (qch, n))
    con.commit()
    print("CHANGED ", n, "SUCCESSFULLY")
else:
    print("Enter ID of question which exists!!")
    continue
while True:
    yn = input("Do you want to change more questions?\nEnter:\n    (Y)YES\n    (N)NO\n:")
    if yn in ("y", "n", "Y", "N"):
        break
    else:
        print("Enter \"Y\" or \"N\"")
if yn.upper() == "N":
    break
else:
    continue

```

```

def changeans():

    sqlc = "SELECT * FROM quiz WHERE qid=%s"
    sql = "UPDATE quiz SET answer=%s WHERE qid=%s"

    while True:

        while True:

            n = input("Enter ID of question to be changed:")

            if n.isdigit():

                n = int(n)

                break

            else:

                print("Enter number in the Question ID")

        QP = show(0)

        for i in range(len(QP)):

            check = 0

            if QP[i][0] == n:

                check = 1

                break

        if check == 1:

            cur.execute(sqlc, (n,))

            data = cur.fetchall()

            print("EXISTING question at ID:")

            for i in data:

                print(i[0], ")", i[1])

                for j in range(2, 5):

                    print("\t", i[j])

                print("\tAns:", i[5])

                print()

        while True:

```

```

yn = input("CONFIRM THIS IS THE QUESTION TO CHANGE\nEnter:\n"
(Y)YES\n      (N)NO\n:")

if yn in ("y", "n", "Y", "N"):

    break

else:

    print("Enter \"Y\" or \"N\"")

if yn.upper() == "Y":

    while True:

        ach = input("Answer(OPTION NUMBER):")

        if ach.isdigit():

            break

        print("Only digits(1,2,3) are allowed")

    cur.execute(sql, (ach, n))

    con.commit()

    print("CHANGED ", n, "SUCCESSFULLY")

else:

    print("Enter ID of question which exists!!")

    continue

while True:

    yn = input("Do you want to change answers of more questions?\nEnter:\n"
(Y)YES\n      (N)NO\n:")

    if yn in ("y", "n", "Y", "N"):

        break

    else:

        print("Enter \"Y\" or \"N\"")

if yn.upper() == "N":

    break

else:

```

continue

```
def updq():
```

```
while True:
```

```
    print("*"*75)
```

```
    print("Options:\n  (1)To change question\n  (2)To change option\n  (3)To change\nanswer\n  (0)Back")
```

```
    choice = int(input("Enter your choice:"))
```

```
    if choice == 1:
```

```
        print("\t\tChange Questions\t\t")
```

```
        chq()
```

```
    elif choice == 2:
```

```
        print("\t\tChange Options\t\t")
```

```
        changeoption()
```

```
    elif choice == 3:
```

```
        print("\t\tChange Answer\t\t")
```

```
        changeans()
```

```
    elif choice==0:
```

```
        break
```

```
    else:
```

```
        print("Enter valid option!!")
```

```
def search():
```

```
    sqlc = "SELECT * FROM quiz WHERE qid=%s"
```

```
    while True:
```

```
        while True:
```

```
            n = input("Enter ID of question to be searched:")
```

```
            if n.isdigit():
```

```
                n = int(n)
```

```

break

else:
    print("Enter number in the Question ID")

QP = show(0)

for i in range(len(QP)):
    check = 0

    if QP[i][0] == n:
        check = 1

        break

    if check == 1:
        cur.execute(sqlc, (n,))
        data = cur.fetchall()
        print("EXISTING question at ID:")
        for i in data:
            print(i[0], ")", i[1])
            for j in range(2, 5):
                print("\t", i[j])
            print("\tAns:", i[5])
            print()

    while True:
        yn = input("Do you want to see more questions?\nEnter:\n(Y)YES\n(N)NO\n:")
        if yn in ("y", "n", "Y", "N"):
            break
        else:
            print("Enter \"Y\" or \"N\"")
            if yn.upper() == "N":
                break

```

```

else:
    continue

else:
    print("The ID does'nt exist\n\tPlease try again!")

def partdata(cho):
    sqlp="\nSELECT * FROM participants"
    sqlsp="SELECT * FROM participants where ID=%s"
    if cho==0:
        cur.execute(sqlp)
        data=cur.fetchall()
        if len(data)<1:
            print("No records to show!")
        else:
            h=["StudentID","Name","SchoolName","Grade","Score"]
            print(tabulate(data,headers=h,tablefmt="github",stralign="left",numalign="left"))
    elif cho==1:
        while True:
            p=input("Enter the ID of participant whose details to be showed:")
            if p.isdigit():
                p = int(p)
                break
            else:
                print("Enter valid option!")
                continue
        cur.execute(sqlsp,(p,))
        data=cur.fetchall()
        if len(data)<1:
            print("No such participant to show!")

```

```

else:
    data=data[0]
    print("Student ID:",data[0],"Name:",data[1],"School
Name:",data[2],"Grade:",data[3],"Score:",data[4])
def partdacho():#Participant data accesing mode selection
    print("  (1)Show all participants data\n  (2>Show a specific participant's data using
ID")
choice=input("Enter your choice:")
while True:
    if choice.isdigit():
        choice = int(choice)
        break
    else:
        print("Enter valid option!")
        continue
if choice==1:
    partdata(0)
if choice==2:
    partdata(1)
def adchoices():
while True:
    print("\n\t\tDASHBOARD\t\t") # RENAME REQUIRED
    print(
        "Options:\n  (1)To show the questions\n  (2)To add questions\n  (3)To delete
existing questions\n  (4)To update the question\n  (5)To search for a specific question
using ID\n  (6)To View participant data\n  (7)To go to Login screen")
    choice = input("Enter your choice:")
    if choice.isdigit():

```

```
choice = int(choice)

else:
    print("Enter valid option!")
    continue

if choice == 1:
    print("EXISTING RECORDS")
    show(1)

elif choice == 2:
    print("ADD QUESTIONS:")
    addq()

elif choice == 3:
    print("DELETE QUESTIONS")
    delq()

elif choice == 4:
    print("\t\tUPDATING QUESTIONS\t\t")
    updq()

elif choice == 5:
    print("\t\tSEARCH\t\t")
    search()

elif choice==6:
    print("\t\tParticipants data\t\t")
    partdacho()

elif choice==7:
    break

else:
    print("Enter a valid option")

count=0
found=0
```

```

def admin():
    root=Tk()
    evil_photo= PhotoImage(file="C:\\\\Users\\\\sudal\\\\Downloads\\\\AdminLoginbg.png")
    demon5=Label(root,image=evil_photo)
    demon5.place(x=0,y=0)
    root.configure(bg="white")
    myFont=Font(family="roboto",size=20)

root.iconbitmap("C:/Users/sudal/Downloads/exam_sheet_test_school_study_icon_209259.ico")
w=450
h=400
sw=root.winfo_screenwidth()
sh=root.winfo_screenheight()
x=(sw/2)-(w/2)
y=(sh/2)-(h/2)
root.geometry("%dx%d+%d+%d"%(w,h,x,y))
#root.geometry("450x400")
root.resizable(width="False",height="False")
root.title("Quiz")
root.attributes('-topmost',1)
e=Entry(root,width=25,show="*",font=("times",20),bg="white")
e.pack(pady=(160,0))
f=Font(family="Courier New",size=20,weight="bold")
def check():
    global found
    global count
    if not e.get():


```

```

        messagebox.showinfo("Invalid","Enter password")

else:
    if e.get()=="Admin":
        messagebox.showinfo("Successful","Logged in")
        found=1
        root.after(1000,root.destroy)

    else:
        count+=1
        if count==3:
            messagebox.showinfo("Invalid","All attempts failed!")
            root.after(1000,root.destroy)
            sys.exit()

        else:
            a="Incorrect Password %s attempts left"%(3-count)
            messagebox.showinfo("Invalid",a)

si=Button(root,text="Sign
in",command=check,font=myFont,activebackground="#1C5FBA",bg="#1a73e8",fg="#ffffff
"))

si.pack(pady=10)
root.mainloop()
print(found)
if found==1:
    adchoices()
else:
    print("Invalid Password")

def quiz():
    sqlselect = "select * from quiz"

```

```

cur.execute(sqlselect)
data = cur.fetchall()
score=0
for i in data:
    print(i[0], ")", i[1])
    for j in range(2, 5):
        print(i[j])
while True:
    corp=input("Choose the correct option:")      #Selected Option
    if corp in ("1","2","3"):
        corp=int(corp)
        if corp==1:
            if corp==i[5]:
                score+=1
        if corp==2:
            if corp==i[5]:
                score+=1
        if corp==3:
            if corp==i[5]:
                score+=1
        break
    else:
        print("Enter a option from 1 to 3")
print("You have got",score,"out of",len(data))
if (score>0.9*len(data)):
    print("Well done!")
sqlscore="UPDATE participants set Score=%s where name=%s"
cur.execute(sqlscore,(score,nams))

```

```
con.commit()

def parchoices():
    print("Enter:\n\t(1)To start quiz\n\t(2)To go to main menu")
    while True:
        choice = int(input("Enter your choice:"))
        if choice == 1:
            sqlp="INSERT INTO participants(Name,School_Name,GRADE) values(%s,%s,%s)"
            cur.execute(sqlp,(nams,nsl,Grade))
            con.commit()
            print("The quiz is going to start in 5 secs!")
            print("\t\tQuiz\t\t")
            quiz()
            Home()
            break
        elif choice == 2:
            Home()
            break
        else:
            print("Enter a valid option!")
            time.sleep(5)
            print("\t\tQuiz\t\t")

def parti():
    parindow=Tk()
```

```

parindow.iconbitmap("C:\\\\Users\\\\sudal\\\\Downloads\\\\icons8-conference-foreground-selected-96.ico")

parindow.title("Quiz")

evil_photo= PhotoImage(file="C:\\\\AI\\\\image.app\\\\196200514.png")

evil_photo= PhotoImage(file="C:\\\\Users\\\\sudal\\\\Downloads\\\\dfsdsadsadsad (4).png")

demon5=Label(parindow,image=evil_photo,borderwidth=10,relief="solid")

demon5.place(x=0,y=0)

#parindow.geometry("1740x260")

w=1740

h=260

sw=parindow.winfo_screenwidth()

sh=parindow.winfo_screenheight()

x=(sw/2)-(w/2)

y=(sh/2)-(h/2)

parindow.geometry('%dx%d+%d+%d'%(w,h,x,y))

parindow.resizable(width="False",height="False")

parindow.overrideredirect(1)

parindow.configure(bg="#FFFFFF")

parindow.attributes("-topmost",1)

e=Entry(parindow,width=25,font=("urw-din",14),bg="#F1F1F1")

e1=Entry(parindow,width=25,font=("urw-din",14),bg="#F1F1F1")

e2=Entry(parindow,width=25,font=("urw-din",14),bg="#F1F1F1")

e.place(x=150,y=120)

e1.place(x=750,y=120)

e2.place(x=1350,y=120)

def partdetails():

```

```

global nams
global nsl
global Grade
nams=e.get()
nsl=e1.get()
Grade=e2.get()
if not nams.isalpha():
    if nams.isdigit():
        messagebox.showinfo("Invalid","Only alphabets are allowed in Name")
    else:
        messagebox.showinfo("Invalid","Enter name without spaces")
elif not nsl.isalpha():
    if nsl.isdigit():
        messagebox.showinfo("Invalid","Only alphabets are allowed in School Name")
    else:
        messagebox.showinfo("Invalid","Enter School Name without spaces")
elif not Grade.isdigit():
    if Grade.isspace() or not Grade:
        messagebox.showinfo("Invalid","Grade Required")
    else:
        messagebox.showinfo("Invalid","Enter number in Grade")
elif not e.get():
    partdetails()
else:
    Grade=int(Grade)
    messagebox.showinfo("Logged in","Successful Entry")
    parindow.after(1000,parindow.destroy())
    parchoices()

```

```

btndsub=Button(parindow,text="Submit",height=-4,command=partdetails,font=("Ubuntu",25)
,bg="#1A73E8",fg="white",activebackground="#1C5FBA")

btndsub.place(y=160,x=1600)

parindow.mainloop()

def part():

    if len(show(0))==0:

        print("No quiz is there to attempt!Sorry!Try again")

        return

    sqlp="INSERT INTO participants(Name,School_Name,GRADE) values(%s,%s,%s)"

    parti()

    parchoices()

```

nams=0

ns1=0

Grade=0

Home()

OUTPUT

```
(7)To go to Login screen
Enter your choice:6
    Participants data
    (1)Show all participants data
    (2)Show a specific participant's data using ID
Enter your choice:2
Enter the ID of participant whose details to be showed:5
Student ID: 5
Name: VENKATBALAJIS
School Name: KSSS
Grade: 12
Score: 1
```

```
DASHBOARD
Options:
(1)To show the questions
(2)To add questions
(3)To delete existing questions
(4)To update the question
(5)To search for a specific question using ID
(6)To View participant data
(7)To go to Login screen
Enter your choice:7
    KSSS
INTER SCHOOL QUIZ COMPETITION
```

```
Login
(1)Admin Login
(2)Participant Login
(0)Exit
Enter your choice:0
```

```
(6)To View participant data
(7)To go to Login screen
Enter your choice:6
    Participants data
    (1)Show all participants data
    (2)Show a specific participant's data using ID
Enter your choice:2
Enter the ID of participant whose details to be showed:5
Student ID: 5
Name: VENKATBALAJIS
School Name: KSSS
Grade: 12
Score: 1
```

```
DASHBOARD
Options:
(1)To show the questions
(2)To add questions
(3)To delete existing questions
(4)To update the question
(5)To search for a specific question using ID
(6)To View participant data
(7)To go to Login screen
Enter your choice:7
    KSSS
INTER SCHOOL QUIZ COMPETITION
```

```
Login
(1)Admin Login
(2)Participant Login
(0)Exit
Enter your choice:0
```

DASHBOARD
Options:
(1)To show the questions
(2)To add questions
(3)To delete existing questions
(4)To update the question
(5)To search for a specific question using ID
(6)To View participant data
(7)To go to Login screen

Enter your choice:6
Participants data
(1)Show all participants data
(2>Show a specific participant's data using ID

Enter your choice:2
Enter the ID of participant whose details to be showed:5
Student ID: 5
Name: VENKATBALAJIS
School Name: KSSS
Grade: 12
Score: 1

DASHBOARD
Options:
(1)To show the questions
(2)To add questions
(3)To delete existing questions
(4)To update the question
(5)To search for a specific question using ID
(6)To View participant data
(7)To go to Login screen

Enter your choice:7

Options:
(1)To show the questions
(2)To add questions
(3)To delete existing questions
(4)To update the question
(5)To search for a specific question using ID
(6)To View participant data
(7)To go to Login screen

Enter your choice:6
Participants data
(1)Show all participants data
(2>Show a specific participant's data using ID

Enter your choice:2
Enter the ID of participant whose details to be showed:1
No such participant to show!

DASHBOARD
Options:
(1)To show the questions
(2)To add questions
(3)To delete existing questions
(4)To update the question
(5)To search for a specific question using ID
(6)To View participant data
(7)To go to Login screen

Enter your choice:6
Participants data
(1)Show all participants data
(2>Show a specific participant's data using ID

Enter your choice:2
Enter the ID of participant whose details to be showed:5

StudentID	Name	SchoolName	Grade	Score
5	VENKATBALAJIS	KSSS	12	1

DASHBOARD

Options:

- (1)To show the questions
- (2)To add questions
- (3)To delete existing questions
- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:6

Participants data

- (1)Show all participants data
- (2>Show a specific participant's data using ID

Enter your choice:2

Enter the ID of participant whose details to be showed:1

No such participant to show!

DASHBOARD

Options:

- (1)To show the questions
- (2)To add questions
- (3)To delete existing questions
- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:1

- (1)To show the questions
- (2)To add questions
- (3)To delete existing questions
- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:6

Participants data

- (1)Show all participants data
- (2>Show a specific participant's data using ID

Enter your choice:1

StudentID	Name	SchoolName	Grade	Score
5	VENKATBALAJIS	KSSS	12	1

DASHBOARD

Options:

- (1)To show the questions
- (2)To add questions
- (3)To delete existing questions
- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:6

Participants data

- (1)Show all participants data
- (2>Show a specific participant's data using ID

Enter your choice:2

Enter the ID of participant whose details to be showed:1

Options:
(1)To show the questions
(2)To add questions
(3)To delete existing questions
(4)To update the question
(5)To search for a specific question using ID
(6)To View participant data
(7)To go to Login screen

Enter your choice:6

Participants data
(1)Show all participants data
(2>Show a specific participant's data using ID

Enter your choice:1

StudentID	Name	SchoolName	Grade	Score
5	VENKATBALAJIS	KSSS	12	1

DASHBOARD

Options:

(1)To show the questions
(2)To add questions
(3)To delete existing questions
(4)To update the question
(5)To search for a specific question using ID
(6)To View participant data
(7)To go to Login screen

Enter your choice:6

Participants data
(1)Show all participants data
(2>Show a specific participant's data using ID

Enter your choice:2

Admin Login

1

DASHBOARD

Options:

(1)To show the questions
(2)To add questions
(3)To delete existing questions
(4)To update the question
(5)To search for a specific question using ID
(6)To View participant data
(7)To go to Login screen

Enter your choice:6

Participants data
(1)Show all participants data
(2>Show a specific participant's data using ID

Enter your choice:1

StudentID	Name	SchoolName	Grade	Score
5	VENKATBALAJIS	KSSS	12	1

DASHBOARD

Options:

(1)To show the questions
(2)To add questions
(3)To delete existing questions
(4)To update the question
(5)To search for a specific question using ID
(6)To View participant data
(7)To go to Login screen

Enter your choice:6

Chennai
Tiruchendur
Choose the correct option:sa
Enter a option from 1 to 3
Choose the correct option:3
You have got 1 out of 1
Well done!

KSSS

INTERSCHOOL QUIZ COMPETITION

Login

- (1)Admin Login
- (2)Participant Login
- (0)Exit

Enter your choice:1

Admin Login

1

DASHBOARD

Options:

- (1)To show the questions
- (2)To add questions
- (3)To delete existing questions
- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:6

Participants data

- (1)Show all participants data
- (2>Show a specific participant's data using ID

Enter your choice:

The quiz is going to start in 5 secs!

Quiz

2) Which is the capital city of Tamilnadu?

Jaipur

Chennai

Tiruchendur

Choose the correct option:sa

Enter a option from 1 to 3

Choose the correct option:3

You have got 1 out of 1

Well done!

KSSS

INTERSCHOOL QUIZ COMPETITION

Login

- (1)Admin Login
- (2)Participant Login
- (0)Exit

Enter your choice:1

Admin Login

1

DASHBOARD

Options:

- (1)To show the questions
- (2)To add questions
- (3)To delete existing questions
- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:6

INTERSCHOOL QUIZ COMPETITION

Login

- (1)Admin Login
- (2)Participant Login
- (0)Exit

Enter your choice:2

Participant Login

Enter:

- (1)To start quiz
- (2)To go to main menu

Enter your choice:1

The quiz is going to start in 5 secs!

Quiz

2) Which is the capital city of Tamilnadu?

Jaipur

Chennai

Tiruchendur

Choose the correct option:sa

Enter a option from 1 to 3

Choose the correct option:3

You have got 1 out of 1

Well done!

KSSS

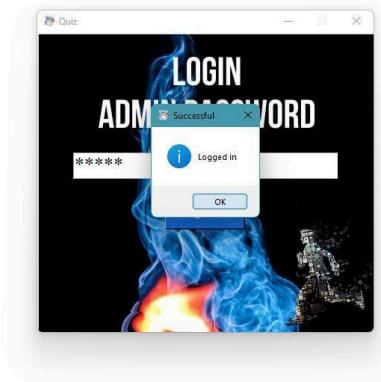
INTERSCHOOL QUIZ COMPETITION

Login

- (1)Admin Login
- (2)Participant Login
- (0)Exit

Enter your choice:1

Admin Login



INTERSCHOOL QUIZ COMPETITION

Login

- (1)Admin Login
- (2)Participant Login
- (0)Exit

Enter your choice:2

Participant Login

Enter:

- (1)To start quiz
- (2)To go to main menu

Enter your choice:1

The quiz is going to start in 5 secs!

Quiz

2) Which is the capital city of Tamilnadu?

Jaipur

Chennai

Tiruchendur

Choose the correct option:sa

Enter a option from 1 to 3

Choose the correct option:3

You have got 1 out of 1

Well done!

KSSS

INTERSCHOOL QUIZ COMPETITION

Login

- (1)Admin Login
- (2)Participant Login
- (0)Exit

Enter your choice:1

Admin Login



INTERSCHOOL QUIZ COMPETITION

Login

- (1)Admin Login
- (2)Participant Login
- (0)Exit

Enter your choice:2

Participant Login

Enter:

- (1)To start quiz
- (2)To go to main menu

Enter your choice:1

The quiz is going to start in 5 secs!

Quiz

2) Which is the capital city of Tamilnadu?

Jaipur

Chennai

Tiruchendur

Choose the correct option:sa

Enter a option from 1 to 3

Choose the correct option:3

You have got 1 out of 1

Well done!

KSSS

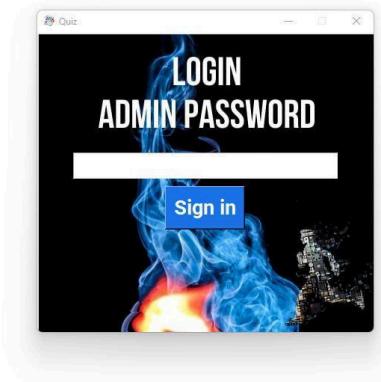
INTERSCHOOL QUIZ COMPETITION

Login

- (1)Admin Login
- (2)Participant Login
- (0)Exit

Enter your choice:1

Admin Login



Enter your choice:7

KSSS

INTERSCHOOL QUIZ COMPETITION

Login

- (1)Admin Login
- (2)Participant Login
- (0)Exit

Enter your choice:2

Participant Login

Enter:

- (1)To start quiz
- (2)To go to main menu

Enter your choice:1

The quiz is going to start in 5 secs!

Quiz

2) Which is the capital city of Tamilnadu?

Jaipur

Chennai

Tiruchendur

Choose the correct option:sa

Enter a option from 1 to 3

Choose the correct option:3

You have got 1 out of 1

Well done!

KSSS

INTERSCHOOL QUIZ COMPETITION

Login

- (1)Admin Login
- (2)Participant Login
- (0)Exit

Enter your choice:1

DASHBOARD
Options:
(1)To show the questions
(2)To add questions
(3)To delete existing questions
(4)To update the question
(5)To search for a specific question using ID
(6)To View participant data
(7)To go to Login screen

Enter your choice:7

KSSS

INTERSCHOOL QUIZ COMPETITION

Login
(1)Admin Login
(2)Participant Login
(0)Exit

Enter your choice:2

Participant Login

Enter:

- (1)To start quiz
- (2)To go to main menu

Enter your choice:1

The quiz is going to start in 5 secs!

Quiz

2) Which is the capital city of Tamilnadu?

Jaipur

Chennai

Tiruchendur

Choose the correct option:sa

Enter a option from 1 to 3

Choose the correct option:3

No records to show!

DASHBOARD
Options:
(1)To show the questions
(2)To add questions
(3)To delete existing questions
(4)To update the question
(5)To search for a specific question using ID
(6)To View participant data
(7)To go to Login screen

Enter your choice:7

KSSS

INTERSCHOOL QUIZ COMPETITION

Login
(1)Admin Login
(2)Participant Login
(0)Exit

Enter your choice:2

Participant Login

Enter:

- (1)To start quiz
- (2)To go to main menu

Enter your choice:1

The quiz is going to start in 5 secs!

Quiz

2) Which is the capital city of Tamilnadu?

Jaipur

Chennai

Tiruchendur

Choose the correct option:2

(6)To View participant data
(7)To go to Login screen
Enter your choice:6
Participants data
(1)Show all participants data
(2)Show a specific participant's data using ID
Enter your choice:1
No records to show!

DASHBOARD

Options:
(1)To show the questions
(2)To add questions
(3)To delete existing questions
(4)To update the question
(5)To search for a specific question using ID
(6)To View participant data
(7)To go to Login screen

Enter your choice:7

KSSS

INTERSCHOOL QUIZ COMPETITION

Login
(1)Admin Login
(2)Participant Login
(0)Exit

Enter your choice:2

Participant Login

Enter:

- (1)To start quiz
- (2)To go to main menu

Enter your choice:1

- (3)To delete existing questions
- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:6

Participants data

- (1)Show all participants data
- (2)Show a specific participant's data using ID

Enter your choice:1

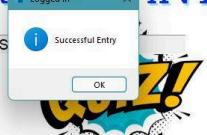
No records to show!

OPT

PARTICIPANT

NAME: VENKATBALAJIS SCHOOL NAME: KSS GRADE: 12

Submit



(7)To go to Login screen

Enter your choice:7

KSSS

INTERSCHOOL QUIZ COMPETITION

Login
(1)Admin Login
(2)Participant Login
(0)Exit

Enter your choice:2

Participant Login

- (3)To delete existing questions
- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:6

Participants data

- (1)Show all participants data
- (2)Show a specific participant's data using ID

Enter your choice:1

No records to show!

Opt

PARTICIPANT



NAME: VENKATBALAJIS SCHOOL NAME: KSSS GRADE: 12

Submit

(7)To go to Login screen

Enter your choice:7

KSSS
INTERSCHOOL QUIZ COMPETITION

Login

- (1)Admin Login
- (2)Participant Login
- (0)Exit

Enter your choice:2

Participant Login

- (3)To delete existing questions
- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:6

Participants data

- (1)Show all participants data
- (2)Show a specific participant's data using ID

Enter your choice:1

No records to show!

Opt

PARTICIPANT



NAME: VENKATBALAJIS SCHOOL NAME: KSSS GRADE: ads

Submit

(7)To go to Login screen

Enter your choice:7

KSSS
INTERSCHOOL QUIZ COMPETITION

Login

- (1)Admin Login
- (2)Participant Login
- (0)Exit

Enter your choice:2

Participant Login

An error dialog box is displayed: Invalid Enter number in Grade OK

- (3)To delete existing questions
- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:6

Participants data

- (1)Show all participants data
- (2)Show a specific participant's data using ID

Enter your choice:1

No records to show!

Opt

PARTICIPANT



NAME: VENKATBALAJIS SCHOOL NAME: KSSS GRADE: Submit

(7)To go to Login screen

Enter your choice:7

KSSS
INTERSCHOOL QUIZ COMPETITION

Login

- (1)Admin Login
- (2)Participant Login
- (0)Exit

Enter your choice:2

Participant Login

- (3)To delete existing questions
- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:6

Participants data

- (1)Show all participants data
- (2)Show a specific participant's data using ID

Enter your choice:1

No records to show!

Opt

PARTICIPANT



NAME: VENKATBALAJIS SCHOOL NAME: GRADE: Submit

(7)To go to Login screen

Enter your choice:7

KSSS
INTERSCHOOL QUIZ COMPETITION

Login

- (1)Admin Login
- (2)Participant Login
- (0)Exit

Enter your choice:2

Participant Login

- (3)To delete existing questions
- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:6

Participants data

- (1)Show all participants data
- (2)Show a specific participant's data using ID

Enter your choice:1

No records to show!

Opt

PARTICIPANT

NAME: VENKATBALAJIS SCHOOL NAME: GRADE:



Submit

(7)To go to Login screen

Enter your choice:7

KSSS

INTERSCHOOL QUIZ COMPETITION

Login

- (1)Admin Login
- (2)Participant Login
- (0)Exit

Enter your choice:2

Participant Login

- (3)To delete existing questions
- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:6

Participants data

- (1)Show all participants data
- (2)Show a specific participant's data using ID

Enter your choice:1

No records to show!

Opt

PARTICIPANT

NAME: VENKATBALAJIS SCHOOL NAME: GRADE:



Submit

(7)To go to Login screen

Enter your choice:7

KSSS

INTERSCHOOL QUIZ COMPETITION

Login

- (1)Admin Login
- (2)Participant Login
- (0)Exit

Enter your choice:2

Participant Login

An error dialog box is displayed in the center of the form, showing the message "Enter School Name without spaces".

- (3)To delete existing questions
- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:6

Participants data

- (1)Show all participants data
- (2)Show a specific participant's data using ID

Enter your choice:1

No records to show!

Opt

PARTICIPANT



NAME: SCHOOL NAME: GRADE:

Submit

- (7)To go to Login screen

Enter your choice:7

KSSS

INTERSCHOOL QUIZ COMPETITION

Login

- (1)Admin Login
- (2)Participant Login
- (0)Exit

Enter your choice:2

Participant Login

- (3)To delete existing questions
- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:6

Participants data

- (1)Show all participants data
- (2)Show a specific participant's data using ID

Enter your choice:1

No records to show!

Opt

PARTICIPANT



NAME: SCHOOL NAME: GRADE:

Submit

- (7)To go to Login screen

Enter your choice:7

KSSS

INTERSCHOOL QUIZ COMPETITION

Login

- (1)Admin Login
- (2)Participant Login
- (0)Exit

Enter your choice:2

Participant Login

- (3)To delete existing questions
- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:6

Participants data

- (1)Show all participants data
- (2)Show a specific participant's data using ID

Enter your choice:1

No records to show!

Opt

PARTICIPANT

The screenshot shows a participant registration form. At the top, there are three input fields: NAME, SCHOOL NAME, and GRADE, each with a corresponding text input box. To the right of the SCHOOL NAME field is a small window titled 'Invalid' with the message 'Enter name without spaces'. Below the input fields is a decorative graphic featuring a cartoon character and the word 'QUIZ!'. On the far right is a blue 'Submit' button.

(7)To go to Login screen

Enter your choice:7

KSSS

INTERSCHOOL QUIZ COMPETITION

Login

- (1)Admin Login
- (2)Participant Login
- (0)Exit

Enter your choice:2

Participant Login

- (3)To delete existing questions
- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:6

Participants data

- (1)Show all participants data
- (2)Show a specific participant's data using ID

Enter your choice:1

No records to show!

Opt

PARTICIPANT

The screenshot shows a participant registration form. It has the same layout as the first one, with NAME, SCHOOL NAME, and GRADE input fields, a 'QUIZ!' graphic, and a 'Submit' button. In this version, the error message 'Enter name without spaces' is displayed directly above the NAME input field.

(7)To go to Login screen

Enter your choice:7

KSSS

INTERSCHOOL QUIZ COMPETITION

Login

- (1)Admin Login
- (2)Participant Login
- (0)Exit

Enter your choice:2

Participant Login

```
(1)To show the questions  
(2)To add questions  
(3)To delete existing questions  
(4)To update the question  
(5)To search for a specific question using ID  
(6)To View participant data  
(7)To go to Login screen
```

Enter your choice:6

Participants data

```
(1)Show all participants data  
(2>Show a specific participant's data using ID
```

Enter your choice:1

No records to show!

DASHBOARD

Options:

```
(1)To show the questions  
(2)To add questions  
(3)To delete existing questions  
(4)To update the question  
(5)To search for a specific question using ID  
(6)To View participant data  
(7)To go to Login screen
```

Enter your choice:7

KSSS

INTERSCHOOL QUIZ COMPETITION

Login

```
(1)Admin Login  
(2)Participant Login  
(0)Exit
```

Enter your choice:2

Enter:

```
(Y)YES  
(N)NO
```

:n

DASHBOARD

Options:

```
(1)To show the questions  
(2)To add questions  
(3)To delete existing questions  
(4)To update the question  
(5)To search for a specific question using ID  
(6)To View participant data  
(7)To go to Login screen
```

Enter your choice:6

Participants data

```
(1)Show all participants data  
(2>Show a specific participant's data using ID
```

Enter your choice:1

No records to show!

DASHBOARD

Options:

```
(1)To show the questions  
(2)To add questions  
(3)To delete existing questions  
(4)To update the question  
(5)To search for a specific question using ID  
(6)To View participant data  
(7)To go to Login screen
```

Enter your choice:7

EXISTING question at ID:
2) Which is the capital city of Tamilnadu?

Jaipur
Chennai
Tiruchendur

Ans: 3

Do you want to see more questions?

Enter:

(Y)YES
(N)NO

:n

DASHBOARD

Options:

- (1)To show the questions
- (2)To add questions
- (3)To delete existing questions
- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:6

Participants data

- (1)Show all participants data
- (2>Show a specific participant's data using ID

Enter your choice:1

SEARCH

Enter ID of question to be searched:1

The ID doesn't exist

Please try again!

Enter ID of question to be searched:2

EXISTING question at ID:

2) Which is the capital city of Tamilnadu?

Jaipur
Chennai
Tiruchendur

Ans: 3

Do you want to see more questions?

Enter:

(Y)YES
(N)NO

:n

DASHBOARD

Options:

- (1)To show the questions
- (2)To add questions
- (3)To delete existing questions
- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:6

```
Enter:  
      (Y)YES  
      (N)NO  
:y  
Answer(OPTION NUMBER):g  
Only digits(1,2,3) are allowed  
Answer(OPTION NUMBER):3  
CHANGED  2 SUCCESSFULLY  
Do you want to change answers of more questions?  
Enter:  
      (Y)YES  
      (N)NO  
:n*****  
Options:  
      (1)To change question  
      (2)To change option  
      (3)To change answer  
      (0)Back  
Enter your choice:0  
  
          DASHBOARD  
Options:  
      (1)To show the questions  
      (2)To add questions  
      (3)To delete existing questions  
      (4)To update the question  
      (5)To search for a specific question using ID  
      (6)To View participant data  
      (7)To go to Login screen  
Enter your choice:5
```

```
Enter your choice:3  
          Change Answer  
Enter ID of question to be changed:2  
EXISTING question at ID:  
2 ) Which is the capital city of Tamilnadu?  
      Jaipur  
      Chennai  
      Tiruchendur  
Ans: 2
```

```
CONFIRM THIS IS THE QUESTION TO CHANGE  
Enter:  
      (Y)YES  
      (N)NO  
:y  
Answer(OPTION NUMBER):g  
Only digits(1,2,3) are allowed  
Answer(OPTION NUMBER):3  
CHANGED  2 SUCCESSFULLY  
Do you want to change answers of more questions?  
Enter:  
      (Y)YES  
      (N)NO  
:n*****  
Options:  
      (1)To change question  
      (2)To change option  
      (3)To change answer  
      (0)Back  
Enter your choice:0
```

UPDATING QUESTIONS

Options:

- (1)To change question
- (2)To change option
- (3)To change answer
- (0)Back

Enter your choice:3

Change Answer

Enter ID of question to be changed:2

EXISTING question at ID:

2) Which is the capital city of Tamilnadu?

Jaipur
Chennai
Tiruchendur
Ans: 2

CONFIRM THIS IS THE QUESTION TO CHANGE

Enter:

- (Y)YES
- (N)NO

:y

Answer(OPTION NUMBER):g

Only digits(1,2,3) are allowed

Answer(OPTION NUMBER):3

CHANGED 2 SUCCESSFULLY

Do you want to change answers of more questions?

Enter:

- (Y)YES
- (N)NO

:

- (3)To delete existing questions
- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:4

UPDATING QUESTIONS

Options:

- (1)To change question
- (2)To change option
- (3)To change answer
- (0)Back

Enter your choice:3

Change Answer

Enter ID of question to be changed:2

EXISTING question at ID:

2) Which is the capital city of Tamilnadu?

Jaipur
Chennai
Tiruchendur
Ans: 2

CONFIRM THIS IS THE QUESTION TO CHANGE

Enter:

- (Y)YES
- (N)NO

:y

Answer(OPTION NUMBER):g

Only digits(1,2,3) are allowed

Answer(OPTION NUMBER):

UPDATING QUESTIONS

Options:

- (1)To change question
- (2)To change option
- (3)To change answer
- (0)Back

Enter your choice:3

Change Answer

Enter ID of question to be changed:2

EXISTING question at ID:

2) Which is the capital city of Tamilnadu?

Jaipur

Chennai

Tiruchendur

Ans: 2

CONFIRM THIS IS THE QUESTION TO CHANGE

Enter:

- (Y)YES
- (N)NO

:y

Answer(OPTION NUMBER):d

Enter option:Tiruchendur

Updated successfully

Do you want to update more options of the same question?

- (1)"Y"
- (2)"N"

Enter:n

Do you want to change more questions?

Enter:

- (Y)YES
- (N)NO

:n

Options:

- (1)To change question
- (2)To change option
- (3)To change answer
- (0)Back

Enter your choice:3

Change Answer

Enter ID of question to be changed:2

EXISTING question at ID:

2) Which is the capital city of Tamilnadu?

Jaipur

Chennai

Tiruchendur

Ans: 2

CONFIRM THIS IS THE QUESTION TO CHANGE

Enter:

- (Y)YES
- (N)NO

:|

```
Enter option:Jaipur
Updated successfully
Do you want to update more options of the same question?
    (1)"Y"      (2)"N"
Enter:Y
CONFIRM WHICH OPTION TO CHANGE
Enter:
    (1)Option 1
    (2)Option 2
    (3)Option 3
3
3
Enter option:Tiruchendur
Updated successfully
Do you want to update more options of the same question?
    (1)"Y"      (2)"N"
Enter:n
Do you want to change more questions?
Enter:
    (Y)YES
    (N)NO
:n
*****
Options:
    (1)To change question
    (2)To change option
    (3)To change answer
    (0)Back
Enter your choice:3
    Change Answer
Enter ID of question to be changed:2
```

```
Enter option:Jaipur
Updated successfully
Do you want to update more options of the same question?
    (1)"Y"      (2)"N"
Enter:Y
CONFIRM WHICH OPTION TO CHANGE
Enter:
    (1)Option 1
    (2)Option 2
    (3)Option 3
3
3
Enter option:Tiruchendur
Updated successfully
Do you want to update more options of the same question?
    (1)"Y"      (2)"N"
Enter:n
Do you want to change more questions?
Enter:
    (Y)YES
    (N)NO
:n
*****
Options:
    (1)To change question
    (2)To change option
    (3)To change answer
    (0)Back
Enter your choice:3
    Change Answer
Enter ID of question to be changed:|
```

```
1
1
Enter option:Jaipur
Updated successfully
Do you want to update more options of the same question?
(1)"Y"      (2)"N"
Enter:Y
CONFIRM WHICH OPTION TO CHANGE
Enter:
(1)Option 1
(2)Option 2
(3)Option 3
3
3
Enter option:Tiruchendur
Updated successfully
Do you want to update more options of the same question?
(1)"Y"      (2)"N"
Enter:n
Do you want to change more questions?
Enter:
(Y)YES
(N)NO
:n
*****
Options:
(1)To change question
(2)To change option
(3)To change answer
(0)Back
Enter your choice:|
```

```
Ans: 2

CONFIRM WHICH OPTION TO CHANGE
Enter:
(1)Option 1
(2)Option 2
(3)Option 3
1
1
Enter option:Jaipur
Updated successfully
Do you want to update more options of the same question?
(1)"Y"      (2)"N"
Enter:Y
CONFIRM WHICH OPTION TO CHANGE
Enter:
(1)Option 1
(2)Option 2
(3)Option 3
3
3
Enter option:Tiruchendur
Updated successfully
Do you want to update more options of the same question?
(1)"Y"      (2)"N"
Enter:n
Do you want to change more questions?
Enter:
(Y)YES
(N)NO
|
```

EXISTING question at ID: 2
2) Which is the capital city of Tamilnadu?
India
Chennai
Madurai
Ans: 2

CONFIRM WHICH OPTION TO CHANGE

Enter:

- (1)Option 1
- (2)Option 2
- (3)Option 3

1

1

Enter option:Jaipur

Updated successfully

Do you want to update more options of the same question?

- (1)"Y"
- (2)"N"

Enter:Y

CONFIRM WHICH OPTION TO CHANGE

Enter:

- (1)Option 1
- (2)Option 2
- (3)Option 3

3

3

Enter option:Tiruchendur

Updated successfully

Do you want to update more options of the same question?

- (1)"Y"
- (2)"N"

Enter:|

(0)Back

Enter your choice:2

Change Options

Enter ID of question to be changed:2

EXISTING question at ID: 2

2) Which is the capital city of Tamilnadu?

- India
- Chennai
- Madurai

Ans: 2

CONFIRM WHICH OPTION TO CHANGE

Enter:

- (1)Option 1
- (2)Option 2
- (3)Option 3

1

1

Enter option:Jaipur

Updated successfully

Do you want to update more options of the same question?

- (1)"Y"
- (2)"N"

Enter:Y

CONFIRM WHICH OPTION TO CHANGE

Enter:

- (1)Option 1
- (2)Option 2
- (3)Option 3

3

3

Enter option:|

```
(2)To change option  
(3)To change answer  
(0)Back  
Enter your choice:2  
          Change Options  
Enter ID of question to be changed:2  
EXISTING question at ID: 2  
2 ) Which is the capital city of Tamilnadu?  
    India  
    Chennai  
    Madurai  
Ans: 2
```

```
CONFIRM WHICH OPTION TO CHANGE  
Enter:  
      (1)Option 1  
      (2)Option 2  
      (3)Option 3  
1  
1  
Enter option:Jaipur  
Updated successfully  
Do you want to update more options of the same question?  
      (1)"Y"      (2)"N"  
Enter:Y  
CONFIRM WHICH OPTION TO CHANGE  
Enter:  
      (1)Option 1  
      (2)Option 2  
      (3)Option 3  
3
```

```
(Y)YES  
(N)NO  
:N  
*****  
Options:  
      (1)To change question  
      (2)To change option  
      (3)To change answer  
      (0)Back  
Enter your choice:2  
          Change Options  
Enter ID of question to be changed:2  
EXISTING question at ID: 2  
2 ) Which is the capital city of Tamilnadu?  
    India  
    Chennai  
    Madurai  
Ans: 2  
CONFIRM WHICH OPTION TO CHANGE  
Enter:  
      (1)Option 1  
      (2)Option 2  
      (3)Option 3  
1  
1  
Enter option:Jaipur  
Updated successfully  
Do you want to update more options of the same question?  
      (1)"Y"      (2)"N"  
Enter:\|
```

Enter the question:Which **is** the capital city of Tamilnadu?

CHANGED 2 SUCCESSFULLY

Do you want to change more questions?

Enter:

(Y)YES

(N)NO

:N

Options:

(1)To change question

(2)To change option

(3)To change answer

(0)Back

Enter your choice:2

Change Options

Enter ID of question to be changed:2

EXISTING question at ID: 2

2) Which is the capital city of Tamilnadu?

India

Chennai

Madurai

Ans: 2

CONFIRM WHICH OPTION TO CHANGE

Enter:

(1)Option 1

(2)Option 2

(3)Option 3

1

1

Enter option:

(N)NO

:y

Enter the question:Which **is** the capital city of Tamilnadu?

CHANGED 2 SUCCESSFULLY

Do you want to change more questions?

Enter:

(Y)YES

(N)NO

:N

Options:

(1)To change question

(2)To change option

(3)To change answer

(0)Back

Enter your choice:2

Change Options

Enter ID of question to be changed:2

EXISTING question at ID: 2

2) Which is the capital city of Tamilnadu?

India

Chennai

Madurai

Ans: 2

CONFIRM WHICH OPTION TO CHANGE

Enter:

(1)Option 1

(2)Option 2

(3)Option 3

1

```
Enter ID of question whose answer to be changed:8
Enter ID of question which exists!!
Enter ID of question whose answer to be changed:2
EXISTING question at ID: 2
2 ) Which is the capital of Tamilnadu?
    India
    Chennai
    Madurai
Ans: 2
```

```
CONFIRM THIS IS THE QUESTION TO CHANGE
```

```
Enter:
    (Y)YES
    (N)NO
```

```
:y
```

```
Enter the question:Which is the capital city of Tamilnadu?
```

```
CHANGED 2 SUCCESSFULLY
```

```
Do you want to change more questions?
```

```
Enter:
```

```
    (Y)YES
    (N)NO
```

```
:N
```

```
*****
```

```
Options:
```

- (1)To change question
- (2)To change option
- (3)To change answer
- (0)Back

```
Enter your choice:2
```

```
    Change Options
```

```
Enter ID of question to be changed:2
```

```
Enter your choice:1
```

```
    Change Questions
```

```
Enter ID of question whose answer to be changed:8
```

```
Enter ID of question which exists!!
```

```
Enter ID of question whose answer to be changed:2
```

```
EXISTING question at ID: 2
```

```
2 ) Which is the capital of Tamilnadu?
```

```
    India
    Chennai
    Madurai
```

```
Ans: 2
```

```
CONFIRM THIS IS THE QUESTION TO CHANGE
```

```
Enter:
    (Y)YES
    (N)NO
```

```
:y
```

```
Enter the question:Which is the capital city of Tamilnadu?
```

```
CHANGED 2 SUCCESSFULLY
```

```
Do you want to change more questions?
```

```
Enter:
```

```
    (Y)YES
    (N)NO
```

```
:N
```

```
*****
```

```
Options:
```

- (1)To change question
- (2)To change option
- (3)To change answer
- (0)Back

```
Enter your choice:2
```

```
Enter your choice:1
    Change Questions
Enter ID of question whose answer to be changed:8
Enter ID of question which exists!!
Enter ID of question whose answer to be changed:2
EXISTING question at ID: 2
2 ) Which is the capital of Tamilnadu?
    India
    Chennai
    Madurai
```

Ans: 2

CONFIRM THIS IS THE QUESTION TO CHANGE

Enter:
 (Y)YES
 (N)NO

:y

Enter the question:Which **is** the capital city of Tamilnadu?

CHANGED 2 SUCCESSFULLY

Do you want to change more questions?

Enter:

(Y)YES
 (N)NO

:N

Options:
 (1)To change question
 (2)To change option
 (3)To change answer
 (0)Back

Enter your choice:

UPDATING QUESTIONS

Options:
 (1)To change question
 (2)To change option
 (3)To change answer
 (0)Back

Enter your choice:1

Change Questions

Enter ID of question whose answer to be changed:8

Enter ID of question which exists!!

Enter ID of question whose answer to be changed:2

EXISTING question at ID: 2

2) Which is the capital of Tamilnadu?

India
 Chennai
 Madurai

Ans: 2

CONFIRM THIS IS THE QUESTION TO CHANGE

Enter:
 (Y)YES
 (N)NO

:y

Enter the question:Which **is** the capital city of Tamilnadu?

CHANGED 2 SUCCESSFULLY

Do you want to change more questions?

Enter:

(Y)YES
 (N)NO

:N

- (3)To delete existing questions
- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:4

UPDATING QUESTIONS

Options:

- (1)To change question
- (2)To change option
- (3)To change answer
- (0)Back

Enter your choice:1

Change Questions

Enter ID of question whose answer to be changed:8

Enter ID of question which exists!!

Enter ID of question whose answer to be changed:2

EXISTING question at ID: 2

2) Which is the capital of Tamilnadu?

India
Chennai
Madurai

Ans: 2

CONFIRM THIS IS THE QUESTION TO CHANGE

Enter:

(Y)YES
(N)NO

:y

Enter the question:Which **is** the capital city of Tamilnadu?

- (3)To delete existing questions
- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:4

UPDATING QUESTIONS

Options:

- (1)To change question
- (2)To change option
- (3)To change answer
- (0)Back

Enter your choice:1

Change Questions

Enter ID of question whose answer to be changed:8

Enter ID of question which exists!!

Enter ID of question whose answer to be changed:2

EXISTING question at ID: 2

2) Which is the capital of Tamilnadu?

India
Chennai
Madurai

Ans: 2

CONFIRM THIS IS THE QUESTION TO CHANGE

Enter:

(Y)YES
(N)NO

:y

Enter the question:

- (2)To add questions
- (3)To delete existing questions
- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:4

UPDATING QUESTIONS

Options:

- (1)To change question
- (2)To change option
- (3)To change answer
- (0)Back

Enter your choice:1

Change Questions

Enter ID of question whose answer to be changed:8

Enter ID of question which exists!!

Enter ID of question whose answer to be changed:2

EXISTING question at ID: 2

2) Which is the capital of Tamilnadu?

- India
- Chennai
- Madurai

Ans: 2

CONFIRM THIS IS THE QUESTION TO CHANGE

Enter:

- (Y)YES
- (N)NO

Enter your choice:1

EXISTING RECORDS

2) Which is the capital of Tamilnadu?

- India
- Chennai
- Madurai

Ans: 2

DASHBOARD

Options:

- (1)To show the questions
- (2)To add questions
- (3)To delete existing questions
- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:4

UPDATING QUESTIONS

Options:

- (1)To change question
- (2)To change option
- (3)To change answer
- (0)Back

Enter your choice:1

Change Questions

Enter ID of question whose answer to be changed:8

Enter ID of question which exists!!

Enter ID of question whose answer to be changed:2

Enter your choice:1
EXISTING RECORDS
2) Which is the capital of Tamilnadu?
India
Chennai
Madurai
Ans: 2

DASHBOARD

Options:
(1)To show the questions
(2)To add questions
(3)To delete existing questions
(4)To update the question
(5)To search for a specific question using ID
(6)To View participant data
(7)To go to Login screen

Enter your choice:4

UPDATING QUESTIONS

Options:
(1)To change question
(2)To change option
(3)To change answer
(0)Back

Enter your choice:1

Change Questions

Enter ID of question whose answer to be changed:8
Enter ID of question which exists!!
Enter ID of question whose answer to be changed:|

(6)To View participant data
(7)To go to Login screen

Enter your choice:1

EXISTING RECORDS
2) Which is the capital of Tamilnadu?
India
Chennai
Madurai
Ans: 2

DASHBOARD

Options:
(1)To show the questions
(2)To add questions
(3)To delete existing questions
(4)To update the question
(5)To search for a specific question using ID
(6)To View participant data
(7)To go to Login screen

Enter your choice:4

UPDATING QUESTIONS

Options:
(1)To change question
(2)To change option
(3)To change answer
(0)Back

Enter your choice:1

Change Questions

Enter ID of question whose answer to be changed:|

- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:1

EXISTING RECORDS

2) Which is the capital of Tamilnadu?

India

Chennai

Madurai

Ans: 2

DASHBOARD

Options:

- (1)To show the questions
- (2)To add questions
- (3)To delete existing questions
- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:4

UPDATING QUESTIONS

Options:

- (1)To change question
- (2)To change option
- (3)To change answer
- (0)Back

Enter your choice:|

(N)NO

:n

DASHBOARD

Options:

- (1)To show the questions
- (2)To add questions
- (3)To delete existing questions
- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:1

EXISTING RECORDS

2) Which is the capital of Tamilnadu?

India

Chennai

Madurai

Ans: 2

DASHBOARD

Options:

- (1)To show the questions
- (2)To add questions
- (3)To delete existing questions
- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:4

Chennai
Ans: 2

CONFIRM THIS IS THE QUESTION TO CHANGE
Enter:
 (Y)YES
 (N)NO
:g
Enter "Y" or "N"
CONFIRM THIS IS THE QUESTION TO CHANGE
Enter:
 (Y)YES
 (N)NO
:y
DELETED 1 SUCCESSFULLY
Do you want to delete more questions?
Enter:
 (Y)YES
 (N)NO
:n

DASHBOARD
Options:
 (1)To show the questions
 (2)To add questions
 (3)To delete existing questions
 (4)To update the question
 (5)To search for a specific question using ID
 (6)To View participant data
 (7)To go to Login screen
Enter your choice:1

Chennai
Ans: 2

CONFIRM THIS IS THE QUESTION TO CHANGE
Enter:
 (Y)YES
 (N)NO
:g
Enter "Y" or "N"
CONFIRM THIS IS THE QUESTION TO CHANGE
Enter:
 (Y)YES
 (N)NO
:y
DELETED 1 SUCCESSFULLY
Do you want to delete more questions?
Enter:
 (Y)YES
 (N)NO
:n

DASHBOARD
Options:
 (1)To show the questions
 (2)To add questions
 (3)To delete existing questions
 (4)To update the question
 (5)To search for a specific question using ID
 (6)To View participant data
 (7)To go to Login screen
Enter your choice:

```
(5)To search for a specific question using ID  
(6)To View participant data  
(7)To go to Login screen  
Enter your choice:3  
DELETE QUESTIONS  
Enter ID of question to be deleted:1  
EXISTING question at ID: 1  
[(1, 'Which is the capital of India?', 'Srinagar', 'New Delhi', 'Chennai', 2)]  
1 ) Which is the capital of India?  
    Srinagar  
    New Delhi  
    Chennai  
Ans: 2
```

CONFIRM THIS IS THE QUESTION TO CHANGE

Enter:
 (Y)YES
 (N)NO

:g
Enter "Y" or "N"

CONFIRM THIS IS THE QUESTION TO CHANGE

Enter:
 (Y)YES
 (N)NO

:y
DELETED 1 SUCCESSFULLY

Do you want to delete more questions?

Enter:
 (Y)YES
 (N)NO

:

DASHBOARD

Options:
(1)To show the questions
(2)To add questions
(3)To delete existing questions
(4)To update the question
(5)To search for a specific question using ID
(6)To View participant data
(7)To go to Login screen

Enter your choice:3

DELETE QUESTIONS

Enter ID of question to be deleted:1

EXISTING question at ID: 1
[(1, 'Which is the capital of India?', 'Srinagar', 'New Delhi', 'Chennai', 2)]

1) Which is the capital of India?

Srinagar
 New Delhi
 Chennai

Ans: 2

CONFIRM THIS IS THE QUESTION TO CHANGE

Enter:
 (Y)YES
 (N)NO

:g
Enter "Y" or "N"

CONFIRM THIS IS THE QUESTION TO CHANGE

Enter:
 (Y)YES
 (N)NO

:y|

DASHBOARD

Options:

- (1)To show the questions
- (2)To add questions
- (3)To delete existing questions
- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:3

DELETE QUESTIONS

Enter ID of question to be deleted:1

EXISTING question at ID: 1

[(1, 'Which is the capital of India?', 'Srinagar', 'New Delhi', 'Chennai', 2)]

1) Which is the capital of India?

Srinagar
New Delhi
Chennai

Ans: 2

CONFIRM THIS IS THE QUESTION TO CHANGE

Enter:

(Y)YES
(N)NO

:g

Enter "Y" or "N"

CONFIRM THIS IS THE QUESTION TO CHANGE

Enter:

(Y)YES
(N)NO

Enter the question:Which **is** the capital of Tamilnadu?

OPTION1:India

OPTION2:Chennai

OPTION3:Madurai

CORRECT OPTION:2

DASHBOARD

Options:

- (1)To show the questions
- (2)To add questions
- (3)To delete existing questions
- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:3

DELETE QUESTIONS

Enter ID of question to be deleted:1

EXISTING question at ID: 1

[(1, 'Which is the capital of India?', 'Srinagar', 'New Delhi', 'Chennai', 2)]

1) Which is the capital of India?

Srinagar
New Delhi
Chennai

Ans: 2

CONFIRM THIS IS THE QUESTION TO CHANGE

Enter:

(Y)YES
(N)NO

:d

Enter the question:Which **is** the capital of Tamilnadu?

OPTION1:India

OPTION2:Chennai

OPTION3:Madurai

CORRECT OPTION:2

DASHBOARD

Options:

- (1)To show the questions
- (2)To add questions
- (3)To delete existing questions
- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:3

DELETE QUESTIONS

Enter ID of question to be deleted:1

EXISTING question at ID: 1

[(1, 'Which is the capital of India?', 'Srinagar', 'New Delhi', 'Chennai', 2)]

1) Which is the capital of India?

Srinagar
New Delhi
Chennai

Ans: 2

CONFIRM THIS IS THE QUESTION TO CHANGE

Enter:

- (Y)YES
- (N)NO

:

ADD QUESTIONS:

No of questions to be entered:2

Enter question ID:df

Enter a number in Question ID!!

Enter question ID:1

Enter the question:Which **is** the capital of India?

OPTION1:Srinagar

OPTION2>New Delhi

OPTION3:Chennai

CORRECT OPTION:g

Enter option number in CORRECT OPTION

CORRECT OPTION:2

Enter question ID:2

Enter the question:Which **is** the capital of Tamilnadu?

OPTION1:India

OPTION2:Chennai

OPTION3:Madurai

CORRECT OPTION:2

DASHBOARD

Options:

- (1)To show the questions
- (2)To add questions
- (3)To delete existing questions
- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:3

DELETE QUESTIONS

Enter ID of question to be deleted:1

```
(7)To go to Login screen
Enter your choice:2
ADD QUESTIONS:
No of questions to be entered:2
Enter question ID:df
Enter a number in Question ID!!
Enter question ID:1
Enter the question:Which is the capital of India?
OPTION1:Srinagar
OPTION2:New Delhi
OPTION3:Chennai
CORRECT OPTION:g
Enter option number in CORRECT OPTION
CORRECT OPTION:2
Enter question ID:2
Enter the question:Which is the capital of Tamilnadu?
OPTION1:India
OPTION2:Chennai
OPTION3:Madurai
CORRECT OPTION:2
```

DASHBOARD

```
Options:
(1)To show the questions
(2)To add questions
(3)To delete existing questions
(4)To update the question
(5)To search for a specific question using ID
(6)To View participant data
(7)To go to Login screen
Enter your choice:3
```

```
(7)To go to Login screen
Enter your choice:2
ADD QUESTIONS:
No of questions to be entered:2
Enter question ID:df
Enter a number in Question ID!!
Enter question ID:1
Enter the question:Which is the capital of India?
OPTION1:Srinagar
OPTION2:New Delhi
OPTION3:Chennai
CORRECT OPTION:g
Enter option number in CORRECT OPTION
CORRECT OPTION:2
Enter question ID:2
Enter the question:Which is the capital of Tamilnadu?
OPTION1:India
OPTION2:Chennai
OPTION3:Madurai
CORRECT OPTION:2
```

DASHBOARD

```
Options:
(1)To show the questions
(2)To add questions
(3)To delete existing questions
(4)To update the question
(5)To search for a specific question using ID
(6)To View participant data
(7)To go to Login screen
Enter your choice:1
```

Admin Login

1

DASHBOARD

Options:

- (1)To show the questions
- (2)To add questions
- (3)To delete existing questions
- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:2

ADD QUESTIONS:

No of questions to be entered:2

Enter question ID:df

Enter a number in Question ID!!

Enter question ID:1

Enter the question:Which **is** the capital of India?

OPTION1:Srinagar

OPTION2:New Delhi

OPTION3:Chennai

CORRECT OPTION:g

Enter option number in CORRECT OPTION

CORRECT OPTION:2

Enter question ID:2

Enter the question:Which **is** the capital of Tamilnadu?

OPTION1:India

OPTION2:Chennai

OPTION3:Madurai

CORRECT OPTION:2

INTERSCHOOL QUIZ COMPETITION

Login

- (1)Admin Login
- (2)Participant Login
- (0)Exit

Enter your choice:1

Admin Login

1

DASHBOARD

Options:

- (1)To show the questions
- (2)To add questions
- (3)To delete existing questions
- (4)To update the question
- (5)To search for a specific question using ID
- (6)To View participant data
- (7)To go to Login screen

Enter your choice:2

ADD QUESTIONS:

No of questions to be entered:2

Enter question ID:df

Enter a number in Question ID!!

Enter question ID:1

Enter the question:Which **is** the capital of India?

OPTION1:Srinagar

OPTION2:New Delhi

OPTION3:Chennai

CORRECT OPTION:g

Enter option number in CORRECT OPTION

CORRECT OPTION:2

```
INTER SCHOOL QUIZ COMPETITION
Login
(1)Admin Login
(2)Participant Login
(0)Exit
Enter your choice:1
    Admin Login
1

        DASHBOARD
Options:
(1)To show the questions
(2)To add questions
(3)To delete existing questions
(4)To update the question
(5)To search for a specific question using ID
(6)To View participant data
(7)To go to Login screen
Enter your choice:2
ADD QUESTIONS:
No of questions to be entered:2
Enter question ID:df
Enter a number in Question ID!!
Enter question ID:1
Enter the question:Which is the capital of India?
OPTION1:Srinagar
OPTION2:New Delhi
OPTION3:Chennai
CORRECT OPTION:g
Enter option number in CORRECT OPTION
CORRECT OPTION:
```

```
=====
RESTART: E:\Quiz\Project.py =====
      KSSS
INTER SCHOOL QUIZ COMPETITION
Login
(1)Admin Login
(2)Participant Login
(0)Exit
Enter your choice:1
    Admin Login
1

        DASHBOARD
Options:
(1)To show the questions
(2)To add questions
(3)To delete existing questions
(4)To update the question
(5)To search for a specific question using ID
(6)To View participant data
(7)To go to Login screen
Enter your choice:2
ADD QUESTIONS:
No of questions to be entered:2
Enter question ID:df
Enter a number in Question ID!!
Enter question ID:1
Enter the question:Which is the capital of India?
OPTION1:Srinagar
OPTION2:New Delhi
OPTION3:Chennai
CORRECT OPTION:g
```

```
===== RESTART: E:\Quiz\Project.py =====
      KSSS
      INTERSCHOOL QUIZ COMPETITION
Login
(1)Admin Login
(2)Participant Login
(0)Exit
Enter your choice:1
          Admin Login
1

      DASHBOARD
Options:
(1)To show the questions
(2)To add questions
(3)To delete existing questions
(4)To update the question
(5)To search for a specific question using ID
(6)To View participant data
(7)To go to Login screen
Enter your choice:2
ADD QUESTIONS:
No of questions to be entered:2
Enter question ID:df
Enter a number in Question ID!!
Enter question ID:1
Enter the question:Which is the capital of India?
OPTION1:Srinagar
OPTION2:New Delhi
OPTION3:Chennai
CORRECT OPTION:|
```

```
Python 3.10.1 (tags/v3.10.1:2cd268a, Dec  6 2021, 19:10:37) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
```

```
===== RESTART: E:\Quiz\Project.py =====
      KSSS
      INTERSCHOOL QUIZ COMPETITION
Login
(1)Admin Login
(2)Participant Login
(0)Exit
Enter your choice:1
          Admin Login
1

      DASHBOARD
Options:
(1)To show the questions
(2)To add questions
(3)To delete existing questions
(4)To update the question
(5)To search for a specific question using ID
(6)To View participant data
(7)To go to Login screen
Enter your choice:2
ADD QUESTIONS:
No of questions to be entered:2
Enter question ID:df
Enter a number in Question ID!!
Enter question ID:1
Enter the question:Which is the capital of India?|
```

```
Python 3.10.1 (tags/v3.10.1:2cd268a, Dec 6 2021, 19:10:37) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
```

```
===== RESTART: E:\Quiz\Project.py =====
KSSS
INTERSCHOOL QUIZ COMPETITION
Login
(1)Admin Login
(2)Participant Login
(0)Exit
Enter your choice:1
      Admin Login
1

DASHBOARD
Options:
(1)To show the questions
(2)To add questions
(3)To delete existing questions
(4)To update the question
(5)To search for a specific question using ID
(6)To View participant data
(7)To go to Login screen
Enter your choice:2
ADD QUESTIONS:
No of questions to be entered:2
Enter question ID:df
Enter a number in Question ID!!
Enter question ID:1
Enter the question:|
```

```
Python 3.10.1 (tags/v3.10.1:2cd268a, Dec 6 2021, 19:10:37) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
```

```
===== RESTART: E:\Quiz\Project.py =====
KSSS
INTERSCHOOL QUIZ COMPETITION
Login
(1)Admin Login
(2)Participant Login
(0)Exit
Enter your choice:1
      Admin Login
1

DASHBOARD
Options:
(1)To show the questions
(2)To add questions
(3)To delete existing questions
(4)To update the question
(5)To search for a specific question using ID
(6)To View participant data
(7)To go to Login screen
Enter your choice:2
ADD QUESTIONS:
No of questions to be entered:2
Enter question ID:df
Enter a number in Question ID!!
Enter question ID:1
```

```
Python 3.10.1 (tags/v3.10.1:2cd268a, Dec 6 2021, 19:10:37) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
```

```
===== RESTART: E:\Quiz\Project.py =====
KSSS
INTERSCHOOL QUIZ COMPETITION
Login
(1)Admin Login
(2)Participant Login
(0)Exit
Enter your choice:1
    Admin Login
1

DASHBOARD
Options:
(1)To show the questions
(2)To add questions
(3)To delete existing questions
(4)To update the question
(5)To search for a specific question using ID
(6)To View participant data
(7)To go to Login screen
Enter your choice:2
ADD QUESTIONS:
No of questions to be entered:2
Enter question ID:df
Enter a number in Question ID!!
Enter question ID:|
```

```
Python 3.10.1 (tags/v3.10.1:2cd268a, Dec 6 2021, 19:10:37) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
```

```
===== RESTART: E:\Quiz\Project.py =====
KSSS
INTERSCHOOL QUIZ COMPETITION
Login
(1)Admin Login
(2)Participant Login
(0)Exit
Enter your choice:1
    Admin Login
1

DASHBOARD
Options:
(1)To show the questions
(2)To add questions
(3)To delete existing questions
(4)To update the question
(5)To search for a specific question using ID
(6)To View participant data
(7)To go to Login screen
Enter your choice:2
ADD QUESTIONS:
No of questions to be entered:2
Enter question ID:|
```

```
Python 3.10.1 (tags/v3.10.1:2cd268a, Dec 6 2021, 19:10:37) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
```

```
===== RESTART: E:\Quiz\Project.py =====
KSSS
INTERSCHOOL QUIZ COMPETITION
Login
(1)Admin Login
(2)Participant Login
(0)Exit
Enter your choice:1
      Admin Login
1

DASHBOARD
Options:
(1)To show the questions
(2)To add questions
(3)To delete existing questions
(4)To update the question
(5)To search for a specific question using ID
(6)To View participant data
(7)To go to Login screen
Enter your choice:2
ADD QUESTIONS:
No of questions to be entered:
```

```
Python 3.10.1 (tags/v3.10.1:2cd268a, Dec 6 2021, 19:10:37) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
```

```
===== RESTART: E:\Quiz\Project.py =====
KSSS
INTERSCHOOL QUIZ COMPETITION
Login
(1)Admin Login
(2)Participant Login
(0)Exit
Enter your choice:1
      Admin Login
1

DASHBOARD
Options:
(1)To show the questions
(2)To add questions
(3)To delete existing questions
(4)To update the question
(5)To search for a specific question using ID
(6)To View participant data
(7)To go to Login screen
Enter your choice:
```

```
Python 3.10.1 (tags/v3.10.1:2cd268a, Dec  6 2021, 19:10:37) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
```

```
===== RESTART: E:\Quiz\Project.py =====
```

KSSS

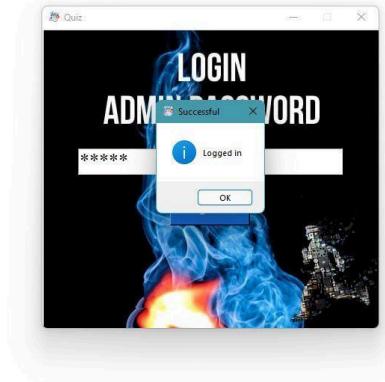
INTERSCHOOL QUIZ COMPETITION

Login

- (1)Admin Login
- (2)Participant Login
- (0)Exit

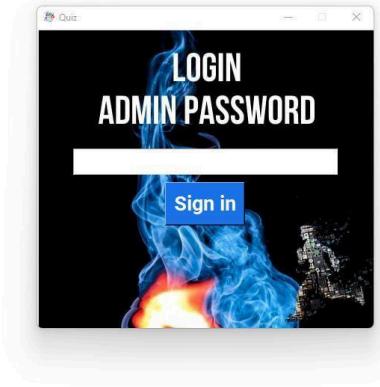
Enter your choice:1

Admin Login



```
Python 3.10.1 (tags/v3.10.1:2cd268a, Dec 6 2021, 19:10:37) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
```

```
===== RESTART: E:\Quiz\Project.py =====
KSSS
INTERSCHOOL QUIZ COMPETITION
Login
(1)Admin Login
(2)Participant Login
(0)Exit
Enter your choice:1
    Admin Login
```



```
Python 3.10.1 (tags/v3.10.1:2cd268a, Dec 6 2021, 19:10:37) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
```

```
===== RESTART: E:\Quiz\Project.py =====
KSSS
INTERSCHOOL QUIZ COMPETITION
Login
(1)Admin Login
(2)Participant Login
(0)Exit
Enter your choice:
```

TESTING

Software Testing is an empirical investigation conducted to provide stakeholders with information about the quality of the product or service under test[1] , with respect to the context in which it is intended to operate. Software Testing also provides an objective, independent view of the software to allow the business to appreciate and understand the

risks at implementation of the software. Test techniques include, but are not limited to, the process of executing a program or application with the intent of finding software bugs.

It can also be stated as the process of validating and verifying that a software program/application/product meets the business and technical requirements that guided its design and development, so that it works as expected and can be implemented with the same characteristics. Software Testing, depending on the testing method employed, can be implemented at any time in the development process, however the most test effort is employed after the requirements have been defined and coding process has been completed.

TESTING METHODS

Software testing methods are traditionally divided into black box testing and white box testing. These two approaches are used to describe the point of view that a test engineer takes when designing test cases.

BLACK BOX TESTING

Black box testing treats the software as a "black box," without any knowledge of internal implementation. Black box testing methods include: equivalence partitioning, boundary value analysis, all-pairs testing, fuzz testing, model-based testing, traceability matrix, exploratory testing and specification-based testing.

SPECIFICATION-BASED TESTING

Specification-based testing aims to test the functionality of software according to the applicable requirements.[16] Thus, the tester inputs data into, and only sees the output from, the test object. This level of testing usually requires thorough test cases to be provided to the tester, who then can simply verify that for a given input, the output value (or behaviour), either "is" or "is not" the same as the expected value specified in the test case. Specification-based testing is necessary, but it is insufficient to guard against certain risks

ADVANTAGES AND DISADVANTAGES

The black box tester has no "bonds" with the code, and a tester's perception is very simple: a code must have bugs. Using the principle, "Ask and you shall receive," black box testers find bugs where programmers don't. But, on the other hand, black box testing has been said to be "like a walk in a dark labyrinth without a flashlight," because the tester doesn't know how the software being tested was actually constructed.

That's why there are situations when (1) a black box tester writes many test cases to check something that can be tested by only one test case, and/or (2) some parts of the back end are not tested at all. Therefore, black box testing has the advantage of "an unaffiliated opinion," on the one hand, and the disadvantage of "blind exploring," on the other.

WHITE BOX TESTING

White box testing, by contrast to black box testing, is when the tester has access to the internal data structures and algorithms (and the code that implement these)

Types of white box testing:-

The following types of white box testing exist:

- api testing - Testing of the application using Public and Private APIs.
- Code coverage - creating tests to satisfy some criteria of code coverage.

For example, the test designer can create tests to cause all statements in the program to be executed at least once.

- fault injection methods.
- mutation testingmethods.
- static testing - White box testing includes all static testing.

CODE COMPLETENESS EVALUATION

White box testing methods can also be used to evaluate the completeness of a test suite that was created with black box testing methods. This allows the software team to examine parts of a system that are rarely tested and ensures that the most important function points have been tested.

Two common forms of code coverage are:

- **FunctionCoverage:** Which reports on functions executed and
- **StatementCoverage:** Which reports on the number of lines executed to complete the test.

They both return coverage metric, measured as a percentage

HARDWARE AND SOFTWARE REQUIREMENTS

I.OPERATING SYSTEM	:	WINDOWS 7 AND ABOVE
II. PROCESSOR	:	PENTIUM(ANY) OR AMD ATHALON(3800+- 4200+ DUALCORE)
III. MOTHERBOARD	:	1.845 OR 915,995 FOR PENTIUM OR MSI

K9MM-V VIAK8M800+8237R PLUS CHIPSET FOR

AMD ATHALONIV. RAM :

512MB+

V. Hard disk : **SATA 40 GB OR ABOVE**

VI. CD/DVD r/w multi drive combo: **(If back up required)**

VII. FLOPPY DRIVE 1.44 MB : **(If Backup required)**

VIII. MONITOR 14.1 or 15 -17 inch

IX. Key board and mouse

X. Printer : **(if print is required – [Hard copy])**

SOFTWARE REQUIREMENTS:

I. Windows OS

II. Python

INSTALLATION PROCEDURE

- Install python and my sql from the web.
- Open mysql and create the database **QUIZ**
- Then run the **table.py** file.
- Next run the **user_table.py** file.

- Then the transactions_table.py file .
- Open the main QUIZ file.
- Then register your account.

BIBLIOGRAPHY

1. Website: <https://www.w3resource.com>
2. [https://en.wikipedia.org/wiki/E_\(mathematical_constant\)](https://en.wikipedia.org/wiki/E_(mathematical_constant))
