

//Quiz Game Task

```
import java.util.*;

Class Quizgame{

    Static Scanner sc = new Scanner(System.in);

    Static String[][] questions = {

        {"Who developed Java Programming?","A) Dennis Ritchie","B) James Gosling","C) Bjarne Stroustrup","D) Guido van Rossum","B"},

        {"What is the default value of an int variable in Java?","A) 0","B) null","C) 1","D) Garbage value","A"},

        {"Which data type is used to store a single character in Java?","A) String","B) char","C) Character","D) int","B"},

        {"Which of the following is NOT a Java feature?","A) Object-Oriented","B) Platform Independent","C) Procedural Programming", "D) Secure","C"},

        {"What is the default value of a boolean variable in Java?","A) true","B) false","C) null","D) 0","B"}

    };

    Static int score=0;

    Static int timelimit=10;

    Static boolean answered;

    Public static void main(String[] args) {

        System.out.println("Welcome to the Quiz Game!");

        System.out.println("You have "+timelimit+"seconds to answer each question.\n");

        For (int i = 0; i < questions.length; i++) {

            Askquestion(i);

        }

        System.out.println("\n Quiz Over!");

        System.out.println("Your final score: "+score+"/"+questions.length);

        sc.close();

    }
```

```

Public static void askquestion(int questionindex){

    System.out.println("\n Question
“+(questionindex+1)+”.”+questions[questionindex][0 ]);

    For (int j = 1; j <=4; j++) {

        System.out.println(questions[questionindex][j]);

    }

    Answered=false;

    Timer timer = new Timer();

    Timer.schedule(new TimerTask() {

        Public void run(){

            If(! Answered){

                System.out.println("\n Time is up! Moving to the next question...");

                Timer.cancel();

            }

        }

    },timelimit*1000);

    System.out.println("Enter your answer(A,B,C,or D):");

    String useranswer = sc.next().toUpperCase();

    Answered=true;

    Timer.cancel();

    If(useranswer.equals(questions[questionindex][5])){

        System.out.println("Correct!\n");

        Score++;

    }

    Else{

        System.out.println("Wrong! The correct answer is:
“+questions[questionindex][5]+”\n");

    }

}

```

