

OOP Project Class Diagram - Manas Sinkar, Ayushi Desai, Gokul Nambiar

Package Kbc;

class GUI:

String a[], answer, first, second;

int qa=0, i=0, j=0, amount=0,
currentAmt=0, actualAmt=0,
LL1=0, LL2=0, LL3=0, L2 count;

String op1, op2;

GUI()

initializes and disables all
components at the beginning of project

private void optionAActionPerformed()

private void optionBActionPerformed()

private void optionCActionPerformed()

private void optionDActionPerformed()

Methods to handle events when
one of the 4 options button
for a specific question

~~start~~ private void startActionPerformed()

Method to handle event when
start button is clicked

private void nextActionPerformed()

Method to handle event when
next question button is clicked

private void LL1ActionPerformed()

private void LL2ActionPerformed()

private void LL3ActionPerformed()

Methods to implement the 3
LifeLines, 50-50, Choose 2 and
Audience Poll

private void quitsActionPerformed()

Method to handle event when
Quit button is clicked

private void questionNoActionPerformed()

(A)

Package Questions;

class OneThousand:

public String[] ques(int random)

class TwoThousand:

public String[] ques(int random)

class FourThousand:

public String[] ques(int random)

class EightFiveThousand:

public String[] ques(int random)

class TenThousand:

public String[] ques(int random)

class TwentyThousand:

public String[] ques(int random)

class FortyThousand:

public String[] ques(int random)

class EightyThousand:

public String[] ques(int random)

class OneLakhSixtyThousand:

public String[] ques(int random)

class ThreeLakhTwentyThousand:

public String[] ques(int random)

class SixLakhFortyThousand:

public String[] ques(int random)

class TwelveLakhFiftyThousand:

public String[] ques(int random)

class TwentyFiveLakh:

public String[] ques(int random)

class FiftyLakh:

public String[] ques(int random)

class OneCrore:

public String[] ques(int random)

Method ques accepts a random
integer value from 1 to 10 and by
switch case, returns respective
string array

(A)

```
private void  
    pollaActionPerformed()  
private void  
    pollbActionPerformed()  
private void  
    pollcActionPerformed()  
private void  
    polldActionPerformed()
```

Since these are progress bars for Audience Poll, they have no clickable functionality

```
public void right()  
public void wrong()  
public void colour()
```

right() & wrong() are to display corresponding message
colour() is to assign colour to question amount buttons

```
public void print-question(string  
                             str)
```

Method to print question on screen using setText

```
public void getQuestion()  
Method to get question from Questions package acc to ques no.
```

```
public static void main  
    (String args[])
```

Main method to run project

(B)

(B)

```
public void correctAnswer()
```

This method assigns colour to option buttons:
if wrong red & if right green

```
public void enable()
```

This method is to enable or disable the buttons on a specific situation or condition.