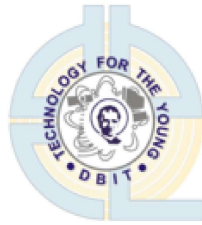


DON BOSCO INSTITUTE OF TECHNOLOGY



Skill Lab: C++ and Java Programming MINI PROJECT REPORT

“ Quiz Game GUI Using Java ” 2021-22

Submitted By:

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Under the guidance of
Ms. Deepali Kayande

Mini Project Title	Creating Quiz game GUI using Java
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Class	SE
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Project Group Members :

	Names of students	Roll No.
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Date of Submission 10th December 2021

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CHAPTER 1

INTRODUCTION

This is our Java Project for Sem 3 of the ongoing second year of engineering for C++ and Java lab which is performed by Umer Shaikh , Shalen Mohod , Rohit Gupta and Pratham Amare .

Our project is based on creating a GUI of a Quiz game using java on Visual Studios IDE

The need for quiz based applications is growing day by day as online education has taken over and this is what brings us to creating a Quiz based GUI for our project.

CHAPTER 3

IMPLEMENTATION

The Implementation of our programme for the project was done on the IDE Visual studios using the concept of Java swing for creating A GUI .

Codes for the Project are As follows :

```
import javax.swing.*,*
```

```
import java.awt.event.*
```

```
import java.awt.*
```

```
class Quiz extends JFrame implements ActionListener
```

```
JRadioButton rb1,rb2,rb3,rb4,*
```

```
JButton b1,b2,*
```

```
JLabel lb1,*
```

```
ButtonGroup bg,*
```

```
JPanel newPanel,*
```

```
int count = 0,*
```

```
String ans = ""
```

```
lb1 = new JLabel("ART.FUV.IG"),-
```

rb1—*new JRadioButton(“XYZ”),•*

rb2—*new JRadioButton(“ABC”),•*

rb3—*new JRadioButton(“QYU”),•*

rb4—*new JRadioButton(“GHJ”),•*

bg—*new ButtonGroup(),•*

bg.add(rb1),•

bg.add(rb2),•

bg.add(rb3),-

bg.add(rb4),•

rb1.addActionListener(this),•

rb2.addActionListener(this),-

rb3.addActionListener(this),-

rb4.addActionListener(this),-

b1—*new JButton(“Submit”),•*

b2—*new JButton(“Exit”),•*

b1.addActionListener(this),-

b2.addActionListener(this),-

```

newPanel — new JPanel(new GridLayout(3, 1)),•
newPanel.add(lb1),•
newPanel.add(rb1),•
newPanel.add(rb2),•
newPanel.add(rb3),•
newPanel.add(rb4),•
newPanel.add(b1),•
newPanel.add(b2),-
newPanel.setLayout(new FlowLayout(FlowLayout.LEFT 160, 10)),•add(newPanel,
BorderLayout.CENTER),•

```

```

public void actionPerformed(ActionEvent ae)

```

```

if(ae.getSource() == b1)

```

```

String en — “ “,•
if(rb1.isSelected())
en—rb1.getText(),•
else if(rb2.isSelected())
en—rb2.getText(),-
else if(rb3.isSelected())
en—rb3.getText(),-
if(rb4.isSelected()) en—
rb4.getText(),•

```

```
if(en.equals(ans)){  
    JOptionPane.showMessageDialog(null,"Right Answer"),•
```

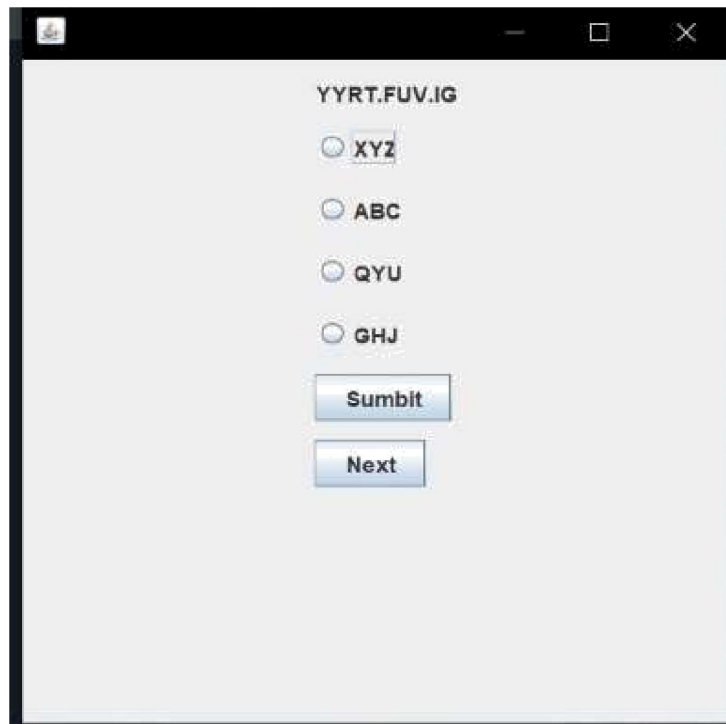
```
else[  
    JOptionPane.showMessageDialog(null,"Wrong Answer"),•
```

```
public static void main(String s fJl
```

```
    Quiz form — new Quiz(),•  
    form.setSize(400,400),- 77set size of the frame  
    form.setVisible(true),• 77make form visible to the user  
    form.setLocationRelativeTo(null),•
```


CHAPTER 4

OUTPUT



YYRT.FUV.IG

☒ XYZ

☐ ABC

☐ QYU

☐ GHJ

Sumbit

Next

CHAPTER 5

CONCLUSION

- 1 .This online quiz application provides a facility to play quiz anywhere and anytime.
- 2 .It saves time since the user does need to wait for the result.
- 3 So student/user cannot wait for the result, All Student/ user get extra knowledge and skills.
- 4 Administrator has a privilege to put as many questions in any category given in the application.

CHAPTER 6

REFERENCE

References were taken from the GUI based lecture held in college on zoom .
also format was looked upon from the website :

<https://www.codespeedy.com/>

THANK YOU