

ColoroGraph

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Subject

Discrete Mathematics Graph Theory

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❖ About Concept :

In this project we use various concept of graph coloring likes Co-coloring method , Use minimum color for coloring all vertex of graph and Total coloring method.

❖ About Project :

In our project “ColoroGraph” , First we provide two option to player for select like if they want to color Vertex or Edge. In both of it we gives three difficulties Easy, Medium and Hard. Each of Stages we give 20 types of question/levels.

So in this game till now we completed 120 Levels. In this project we use java (object oriented) programming language for our logic of this game like when to change color and which vertices or edges can be colored. And all of the images, errors pop-ups , level completed pop-ups , and all graphical materials of this game are designed by us.

❖ Softwares :

- IDE for develop android app we use **ANDROID STUDIO** (by IntelliJ®).
- For designing all graphs and winning/error pop-ups we used,
 - **Adobe illustrator**
 - **Adobe Photoshop**
- For Logo animation on splash screen, we used **Adobe After Effects.**

❖ Link ↗ :

Click on below link for download our game, Thank you !

-<https://idealbits.blogspot.com>

❖ Screenshots :

