Introduction:-

Arav: Good Morning everyone.

Arav: My name is Arav.

Zaid: I am Zaid

Devang: And I am Devang.

Arav: With the help of our operator Daksh. We have made the game K.B.C taking the inspiration from one of India's Famous show Kaun Banega Crorepati. KBC is a game in which you have to answer the questions, and climb up the prize ladder but wait wait wait there is a twist that you will win absolutely no money.

Devang: Because we are not sponsored by Adani or Ambani

Arav: So, play for fun, not for funds!"

Zaid: "This code runs the game with questions, options, and lifelines like 50-50 which removes two incorrect options, Phone-a-Friend which gives you mostly correct answer but can be wrong also like our decisions sometimes, and Skip which is used to jump to the next question. Answer correctly, and you’ll hear claps. If you get it wrong, well, the game gently shows you the door—but with style!"

Devang: "Oh, and there’s a robot voice that reads out the questions, like a low-budget Amitabh Bachchan. It’s here to make sure you feel like you’re in the hot seat."

Arav: "The questions start easy, then get harder. We even added some random fun, like your friend giving you the wrong answer on the Phone-a-Friend lifeline. Classic, right?"

Zaid: "So, sharpen your brains and get ready to play. Just remember—no crores, only cheers! Enjoy the game, learn something new, and laugh along the way."

Arav: Now we request our operator to start the game.

(Displaying the program)

(Program ends\*)

Body:-

Arav: Let us get to the source code of the program.

Line 1-4:

Arav: These lines import the necessary Python libraries (`tkinter`, `playsound`, `random`, and `pyttsx3`) for the game's functionality.

Arav: `Tkinter` is used to create the GUI of the game.

Arav: `Playsound` is used to play audio files in the game.

Arav: `Random` is used to randomly select 16 questions.

Arav: `Pyttsx3` is used to convert text into speech, adding a robotic voice to read the questions.

Line:18-22

Devang: The i variable keeps the track of which question is being displayed. The skip used, lifeline 50 used, skip used which keep track if their lifeline is used or not.

Line 215-221:

Devang: The code handles a button click event in a Tkinter GUI. It retrieves the button's text, accesses the current question from questions\_data using the global index i, and updates the question after each click. The global i tracks the question's position and cycles through the questions.

Line 205-208 (select\_question function):

Devang: The `select\_question` function is a user defined function which generates 16 random indices from the total list of questions and stores them in the `question\_data`global variable. This ensures a unique set of questions each time the game is played.

Line 228-234:

Devang:

The select() function handles user input from a GUI widget, compares the selected option's text with the current question's options, and breaks the loop if a match is found.

Line 237-239:

Devang: changebg(index + 1, "y") changes the background color of an option to yellow, and root.update() refreshes the GUI.

Line 240-258:

Devang: If the answer is correct, this section updates the question, options, and prize display for the next round. If the answer is wrong, the program ends the game and displays the winnings.

ln no.266(Phone-a-Friend):

Arav: The Phone a friend function handles PhoneAFriend lifeline, it gives the player a correct or wrong option based on chance of 70 ,30 percent respectively by generating a float number between 0-1

ln no.282(skip\_question):

Arav: Skip lifeline is used to jump to the next question if there are more level and then updates It’s image. Again, to prevent using of this lifeline by the player, skip used variable is set to true.

ln no.301-301 (lifeline\_50\_50):

Devang: The lifeline\_50\_50 which handles the 50 50 lifeline in this function

The correct answer is retrieved from the current question then

A list of **incorrect options** is created by removing the correct option from the list of all options.

Two incorrect options are randomly chosen and removed then lifeline50 used variable is set to true.

ln no.330(giveup function):

Arav: giveup function handles the giveup button which is used to end the game without any fine for selecting the wrong option above 80k

Line 356 (display\_winnings function):

Devang: The `display\_winnings` function takes two parameters: the index of the question and a Boolean indicating if the answer was incorrect. It displays the corresponding prize amount the user has won.

Line 470-473:

Devang: These lines create the background image for the starting scene, setting up the initial visual layout of the game.

Line 475-478:

Devang: This section creates the "Play" button, allowing users to start the game.

Conclusion:-

Arav: Coming to the end we hope you all enjoyed the program that was designed to offer a fun and interactive quiz experience with such an enormous budget.

Zaid: And that's it. No crores, no cash just fun and laughs. Play again for glory, not for money, cause we are broke too!

Arav: Thanking you. We hope that you all liked our game.