Statement of the Program

This program implements a rule-based recruitment chatbot for CRUX Company using Python. The objective of the chatbot is to simulate a basic recruitment interaction with candidates through a command-line interface. The chatbot collects essential candidate information such as name and age, verifies eligibility based on predefined criteria, validates academic qualifications, and allows candidates to view and select available job departments.

The chatbot follows a menu-driven approach where users interact by selecting options from a displayed menu. It uses conditional statements, loops, functions, and data structures such as lists and dictionaries to control the flow of execution and ensure proper validation of user inputs.

This program does not use Artificial Intelligence or Natural Language Processing. Instead, it demonstrates the practical implementation of a rule-based chatbot, making it suitable for educational purposes, beginner-level projects, and understanding fundamental chatbot logic in Python.

Overall, the CRUX Recruitment Chatbot serves as a simple yet effective example of how interactive applications can be developed using Python to automate structured user interactions in a recruitment scenario.