REPORT

- The knowledge base contains the top 10 terms from the most important words. These 10 words are then added into a dictionary where its value is either the definition of the term or a random fact about the term.

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#Ten terms from basketball based on my domain knowledge
knowledge = {
    'basketball': 'a game played between two teams of five players in which goals are scored by throwing a ball through a netted hoop fixed above
    'nba': 'The National Basketball Association is the major professional basketball league in the United States.',
    'wnba': 'The Women National Basketball Association is a professional basketball league comprised of 12 teams featuring the best women basketb
    'threepoint': 'A field goal in a basketball game made from beyond the three-point line, a designated arc surrounding the basket.',
    'court': 'The playing surface , consisting of a rectangular floor, with baskets at each end.',
    'baseline': 'The baseline runs from sideline to sideline behind the backboard at the ends of the court.',
    'player': 'An athlete who plays basketball',
    'defender': 'Defender is the player who guards his basket from the opposite team.',
    'dunk': 'A scoring shot in which a player jumps up and forces the ball down through the basket.',
    'ball': 'The NBA game ball is made of a leather that comes exclusively from the Horween Leather Company in Chicago.'
}

terms = ['basketball', 'nba', 'wnba', 'threepoint', 'court', 'baseline', 'player', 'defender', 'dunk', 'ball']
```

Sample Conversation with Chatbot:

User: What is the basketball
Bot: A game played between two teams of five players in which goals are scored by throwing a ball through a netted hoop fixed above each end of the court.
User: Tell me something about the ball used in the game of basketball.
Bot: The NBA game ball is made of a leather that comes exclusively from the Horween Leather Company in Chicago.