

## Outputs:

```
Welcome to the Cryptocurrency Assistant!
Enter 'quit' to exit the program.

Enter the cryptocurrency ticker symbol (e.g., XRP, BTC, ETH) or type quit: XRP

Crypto Details:

Developer: "Ripple Labs"
Price: "2.36 USD"
Circulating Supply: "57703732191.00 XRP"
Market Cap: "135993680148.58 USD"
Important events:
- "SEC lawsuit against Ripple Labs announced in December 2020, impacting XRP's listings and price."
- "Partnership with major financial institutions for cross-border payments using Ripple technology."
Recent News:
- "XRP gains legal clarity in 'XVZ' country, boosting investor confidence and market price."
- "Ripple announces a new technology upgrade to enhance transaction speed and scalability."
Future Analysis:
- "Predicted stabilization and gradual growth as regulatory clarity improves and adoption increases."
- "Predicted price for the end of the year is around 2.50 USD, assuming continued positive legal developments and market conditions."
- "Potential risks include ongoing legal challenges and market volatility. Opportunities may arise from increased adoption in the banking sector."

Enter the cryptocurrency ticker symbol (e.g., XRP, BTC, ETH) or type quit: 
```

### Crypto Details:

```
Developer: "Solana Foundation"
Price: "197.91 USD"
Circulating Supply: "487047204.14 SOL"
Market Cap: "96391604965.09 USD"
Important events:
- "Solana Mobile Stack launch aimed to enhance mobile experiences."
- "Network outages in previous years that impacted trust and performance."
Recent News:
- "Solana ventures into Web3 mobile with the launch of Saga smartphone."
- "Partnership announced with major gaming platforms to increase blockchain adoption."
Future Analysis:
- "Predicted trends include growth in decentralized finance (DeFi) and non-fungible tokens (NFTs) sectors on Solana."
- "Predicted price for the end of the year based on data and factoring in news and history is approximately 250 USD."
- "Potential risks include further technical outages; opportunities lie in expanding utility in real-world applications."
```

```
Developer: "Billy Markus and Jackson Palmer"
Price: "0.26 USD"
Circulating Supply: "147922796383.71 DOGE"
Market Cap: "38107583359.50 USD"
Important events:
- "DOGE became popular as a 'meme coin' but gained substantial backing, including endorsements from high-profile individuals like Elon Musk."
- "In 2021, DOGE saw a significant price surge, reaching an all-time high in May due to social media hype and celebrity endorsements."
Recent News:
- "Elon Musk continues to support DOGE, suggesting it could be used for payments on Twitter."
- "DOGE was listed on additional exchanges in 2023, increasing its accessibility and trading volume."
Future Analysis:
- "Predicted trends based on market behavior and global events indicate fluctuations with potential upticks following social media endorsements and broader crypto market recoveries."
- "Predicted price for the end of the year based on data and factoring in news and history is estimated to be around $0.30 USD, assuming stable market conditions."
- "Potential risks include market volatility and regulatory scrutiny, while opportunities may arise from increased adoption and integration into payment systems."
```

```
Developer: "Vitalik Buterin and the Ethereum Foundation"
Price: "2717.79 USD"
Circulating Supply: "120526263.09 ETH"
Market Cap: "327565646299.13 USD"
Important events:
- "Ethereum completes transition to Proof of Stake in the Merge, reducing energy consumption by approximately 99.95%"
- "Implementation of EIP-1559, which introduced a transaction fee burning mechanism, affecting ETH's supply dynamics"
Recent News:
- "Ethereum developers target March 2023 for the Shanghai upgrade, aiming to enable staking withdrawals"
- "Significant increase in decentralized finance (DeFi) activity on Ethereum network, pushing transaction volumes higher"
Future Analysis:
- "Predicted trends based on market behavior and global events include continued growth in DeFi and potential expansion into other sectors like gaming and NFTs"
- "Predicted price for the end of the year based on data and factoring in news and history is estimated around $3500 USD, contingent on broader market recovery and technological advancements"
- "Potential risks and opportunities include scalability issues which may drive innovation in layer 2 solutions, regulatory changes, and the ongoing development of competing blockchains"
```