

6. The subroutine CHAR_TO_CODE(character) returns the integer ASCII value of a character. For example:

CHAR_TO_CODE('a') returns the value 97

CHAR_TO_CODE('z') returns the value 122

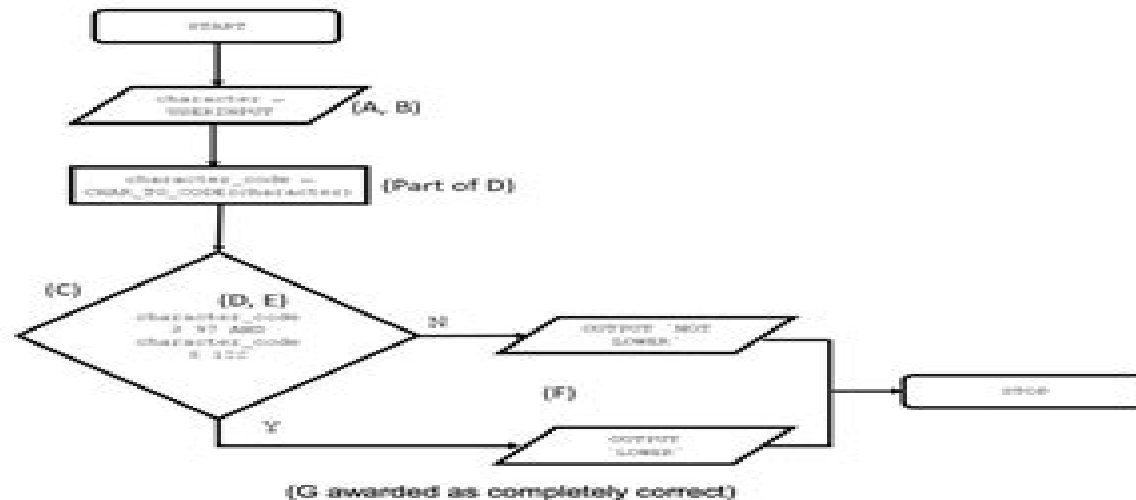
CHAR_TO_CODE(' ') returns the value 96

CHAR_TO_CODE('(') returns the value 123

Develop an algorithm, using either pseudo-code or a flowchart, that:

- asks the user to enter a character
- outputs 'LOWER' if the user has entered a lowercase character
- outputs 'NOT LOWER' if the user has entered any other character.

You must use the built-in CHAR_TO_CODE subroutine in your answer



```

character ← USERINPUT
character_code ← CHAR_TO_CODE(character)
IF character_code ≥ 97 AND character_code ≤ 122
    OUTPUT 'LOWER'
ELSE
    OUTPUT 'NOT LOWER'
ENDIF
    
```

(G awarded as completely correct)

(A, B)

(Part of D)

THEN(C, D, E)

(Part of F)

(Part of F)

[7 marks]



Computer Science Questions And Answers

Seth Reichelson



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Table of Contents Computer Science Questions And Answers

1. Understanding the eBook Computer Science Questions And Answers
 - The Rise of Digital Reading Computer Science Questions And Answers
 - Advantages of eBooks Over Traditional Books
2. Identifying Computer Science Questions And Answers
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Computer Science Questions And Answers
 - User-Friendly Interface
4. Exploring eBook Recommendations from Computer Science Questions And Answers
 - Personalized Recommendations
 - Computer Science Questions And Answers User Reviews and Ratings
 - Computer Science Questions And Answers and Bestseller Lists
5. Accessing Computer Science Questions And Answers Free and Paid eBooks

- Computer Science Questions And Answers Public Domain eBooks
- Computer Science Questions And Answers eBook Subscription Services
- Computer Science Questions And Answers Budget-Friendly Options
- 6. Navigating Computer Science Questions And Answers eBook Formats
 - ePub, PDF, MOBI, and More
 - Computer Science Questions And Answers Compatibility with Devices
 - Computer Science Questions And Answers Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Computer Science Questions And Answers
 - Highlighting and Note-Taking Computer Science Questions And Answers
 - Interactive Elements Computer Science Questions And Answers
- 8. Staying Engaged with Computer Science Questions And Answers
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Computer Science Questions And Answers
- 9. Balancing eBooks and Physical Books Computer Science Questions And Answers
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Computer Science Questions And Answers
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Computer Science Questions And Answers
 - Setting Reading Goals Computer Science Questions And Answers
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Computer Science Questions And Answers
 - Fact-Checking eBook Content of Computer Science Questions And Answers
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development

- Exploring Educational eBooks

14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

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