Bash Scripting Report Placeholder

Student Name: Sandesh Thapa

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# 1. Introduction

[Insert content here]

# 2. Area.sh

[Insert content here]

## 2.1. Introduction

[Insert content here]

## 2.2. Description of the Main Functionality

[Insert content here]

## 2.3. User Guide for the Area of a Rectangle

[Insert content here]

## 2.3.1. Program Launching

[Insert content here]

## 2.3.2. Requirements in Input Fields

[Insert content here]

## 2.3.3. Main Outcome

[Insert content here]

## 2.4. Flowchart for Area.sh

[Insert content here]

## 2.5. Testcase for Area.sh

[Insert content here]

## 2.6. Screenshot of Implemented Feature for Area.sh

[Insert content here]

# 3. Bonus\_calculator.sh

[Insert content here]

## 3.1. Introduction

[Insert content here]

## 3.2. Description of the Code/Script

[Insert content here]

## 3.3. User Guide for Bonus\_calculator.sh

[Insert content here]

## 3.3.1. Launching of the Program

[Insert content here]

## 3.3.2. Input Field Requirements

[Insert content here]

## 3.3.3. Main Outcome

[Insert content here]

## 3.3.4. Restarting the Prompts

[Insert content here]

## 3.4. Flowchart for Bonus\_calculator.sh

[Insert content here]

## 3.5. Testcase for Bonus\_calculator.sh

[Insert content here]

## 3.6. Screenshots of an Applied Feature Based on the Test Case

[Insert content here]

# 4. Personalizing the Bash Prompt

[Insert content here]

# 5. Blackjack.sh

[Insert content here]

## 5.1. Introduction

[Insert content here]

## 5.2. Description of the Game

[Insert content here]

## 5.2.1. Initialization of the Deck

[Insert content here]

## 5.2.2. Shuffling Process

[Insert content here]

## 5.2.3. Dealer and Player’s Hand

[Insert content here]

## 5.2.4. Adding the Turn Mechanism

[Insert content here]

## 5.2.5. Rules of the Game

[Insert content here]

## 5.2.6. Major Cases

[Insert content here]

## 5.2.7. Interface

[Insert content here]

## 5.3. User Guide for Blackjack.sh

[Insert content here]

## 5.3.1. Beginning of the Game

[Insert content here]

## 5.3.2. Overall Gameplay

[Insert content here]

## 5.3.3. Winning Conditions

[Insert content here]

## 5.3.4. Blackjack

[Insert content here]

## 5.3.5. Applying Five-Card Trick

[Insert content here]

## 5.4. Flowchart for Blackjack.sh

[Insert content here]

## 5.5. Testcase for Blackjack.sh

[Insert content here]

## 5.6. Screenshot of Applied Feature or Functionality

[Insert content here]

# 6. Additional Description

[Insert content here]

## 6.1. Whiptail

[Insert content here]

## 6.2. Shebang

[Insert content here]

# 7. Conclusion

[Insert content here]

# 8. References

[Insert content here]

# 9. Appendix

[Insert content here]

## 9.1. Area.sh

[Insert content here]

## 9.2. Bonus\_calculator.sh

[Insert content here]

## 9.3. Blackjack.sh

[Insert content here]

## 9.4. Bash Prompt Personalized

[Insert content here]

## 9.5. Changing the Name of Terminal

[Insert content here]