

TERMINAL APPLICATION

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TOPIC OUTLINE



INTRODUCTION



CODE



FEATURES

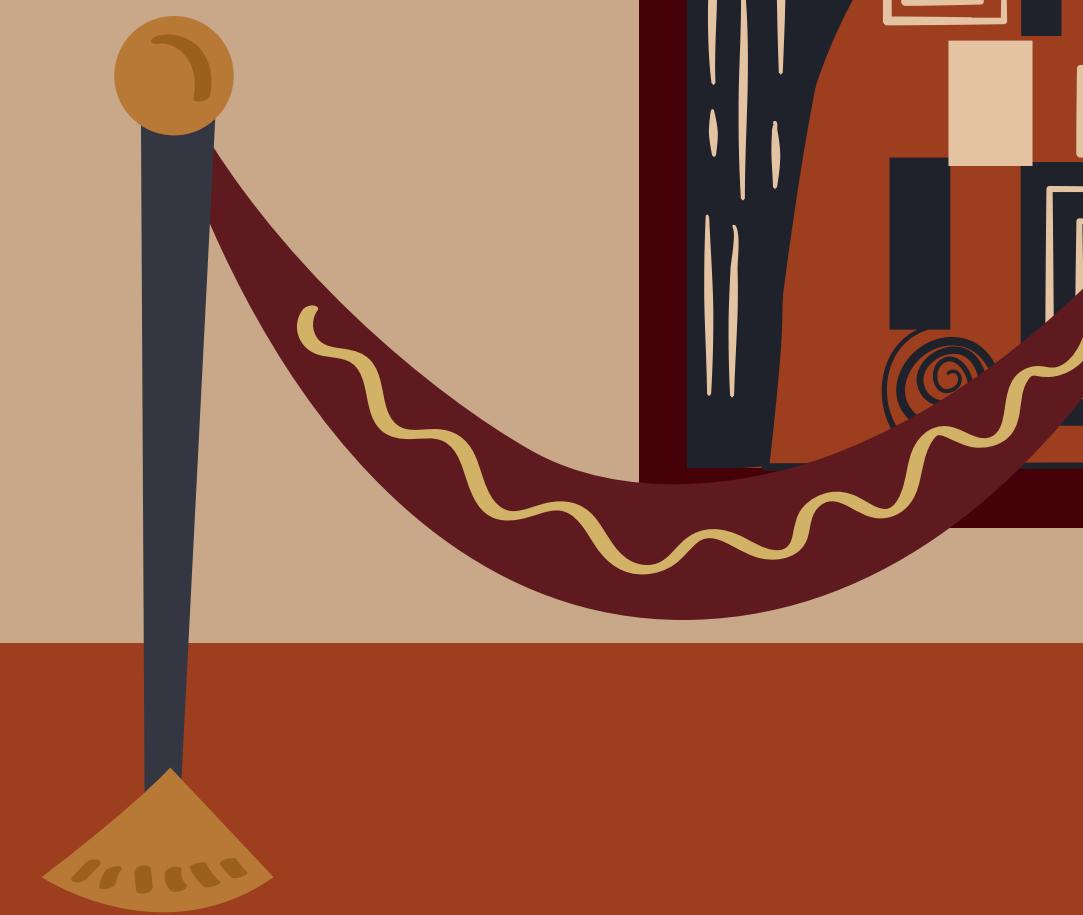


CHALLENGES/
FAVOURIE PARTS

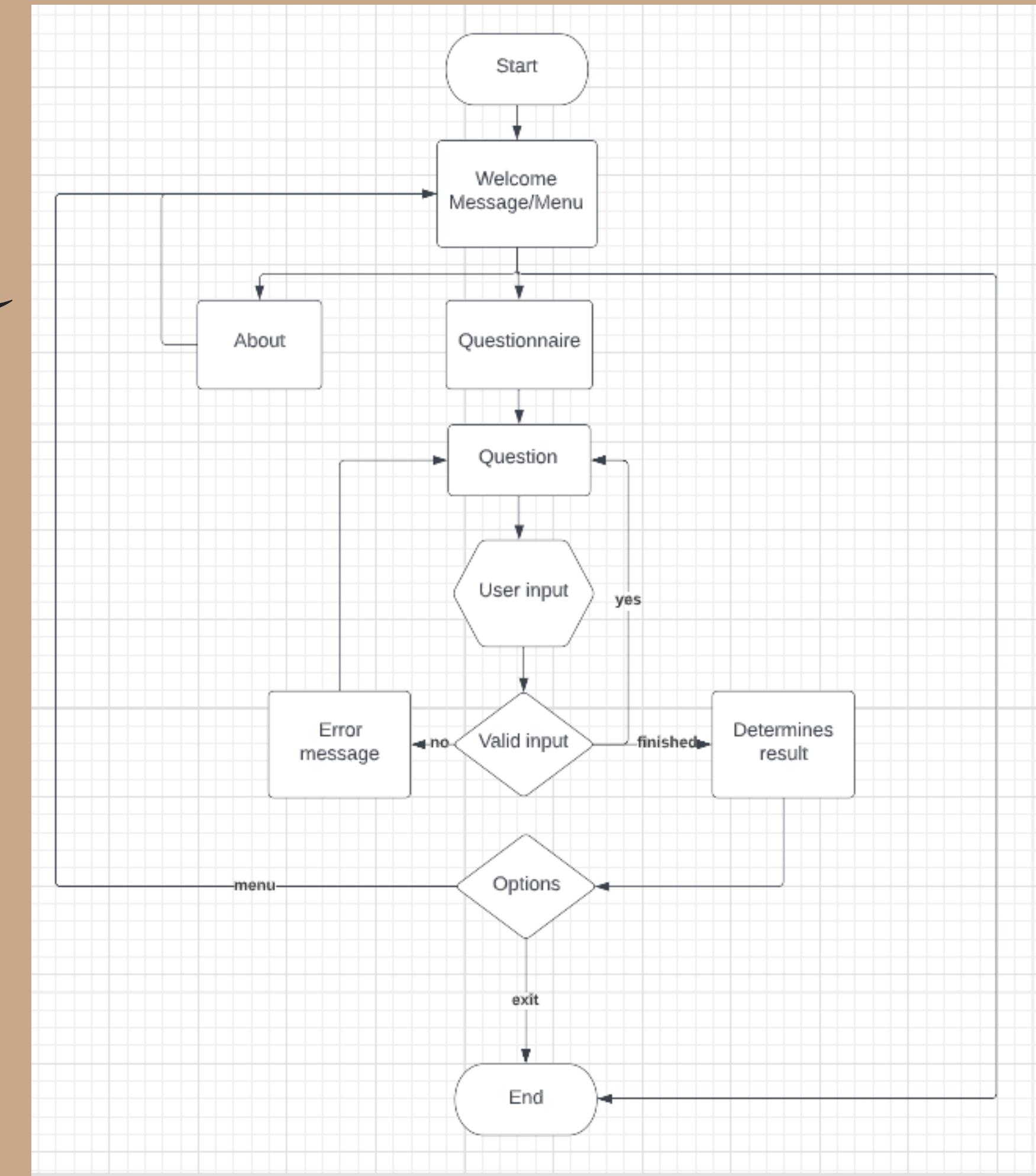
INTRODUCTION:

DISCOVER YOUR

GREEK GOD



CONTROL FLOW DIAGRAM



PURPOSE

- Discover your greek God is a questionnaire/personality test.
- Gives a scenario to user, they must select what option they would do.
- Once all questions have been answered, it will determine which Greek God your personality aligns with.



FEATURES



ABOUT THE GODS

- Users can select an option to read in depth about the Greek Gods.
- Explains what Gods they were and what their main personality characteristics.



ARES

The God of War

QUESTIONNAIRE

- Assesses the user's personality type by asking the user questions.
- Must select a multiple choice answer.
- End result will determine which god they are similar.



EXAMPLE

- You're in a minor car accident. The person that rear-ended, approaches your window. What do you say?
 - A. You owe me a lot of money for that
 - B. No one makes me bleed my own blood
 - C. Do you have insurance

CODE



Start of application

Questionnaire

About the Greek Gods

```
def run_option_1
  def print_discover
    puts "Athena, the goddess of wisdom and war. Si
    puts "=====
    puts "Ares, the god of war. Strong and violent
    puts "=====
    puts "Hermes, the messenger of the gods and co
    puts "=====

end

# Code to run
print_discover
end
```

```
class Questionnaire
  attr_accessor :god_count

  def initialize()
    @god_count = {
      athena: 0,
      ares: 0,
      hermes: 0,
    }

    @question1 = "You are waiting in line at a supermarket. The old lady in front of you drops a $50 note, without
    @question2 =  "You're in a minor car accident. The person that rear-ended, approaches your window. What do you
    @question3 = "You are sitting at the table eating dinner. Your loyal dog by your side staring at you. You have

    @question1_answers = [
      {id: "a", text: "Pick it up and put it in your pocket", god_type: "hermes"},
      {id: "b", text: "Inform the lady she has dropped it", god_type: "athena"},
      {id: "c", text: "You are oblivious to what happened", god_type: "ares"}
    ]
    @question2_answers = [
      {id: "a", text: "You owe me alot of money for that", god_type: "hermes"},
      {id: "b", text: "No one makes me bleed my own blood", god_type: "ares"},
      {id: "c", text: "Do you have insurance", god_type: "athena"}
    ]
    @question3_answers = [
      {id: "a", text: "Give half to your dog", god_type: "athena"},
      {id: "b", text: "Save it for later", god_type: "hermes"},
      {id: "c", text: "Stare directly at your dog and eat the chicken tender", god_type: "ares"}
    ]
  end
```

Methods

```
def print_question (question, answers)
  puts question
  answers.each do |answer|
    puts "#{answer[:id]}. #{answer[:text]}"
  end
end

def update_god_count (id, answers)
  answers.each do |answer|
    if id == answer[:id]
      god_key = answer[:god_type].to_sym
      @god_count[god_key] += 1
    end
  end
end

def check_user_god_type
  highest_count = 0
  selected_god = ""

  @god_count.each do |key, value|
    if value > highest_count
      highest_count = value
      selected_god = key.to_s
    end
  end

  return selected_god
end
```

Questionnaire method/Case statement

```
#Code to execute questionnaire
def run_questionnaire
  print_question @question1, @question1_answers
  user_answer = gets.chomp
  update_god_count user_answer, @question1_answers

  print_question @question2, @question2_answers
  user_answer = gets.chomp
  update_god_count user_answer, @question2_answers

  print_question @question3, @question3_answers
  user_answer = gets.chomp
  update_god_count user_answer, @question3_answers

  puts check_user_god_type
end

case option
when "1"
  run_option_1
when "2"
  Questionnaire.new.run_questionnaire
when "3"
  puts "Exit"
else
  puts "Invalid Option"
end
```

CHALLENGES



- FORMATTING/LAYOUT OF APPLICATION
- METHODS METHODS METHODS
- TIME MANAGEMENT
- PUSHING TO GITHUB

FAVOURITE PARTS



- CODE RUNS SMOOTHLY (FOR THE MOMENT)
- QUESTIONNAIRE FUNCTIONING
- LOOKING UP DIFFERENT GEMS
- ASCII ART
- SEEING HOW FAR I HAVE COME

THANKYOU

