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Section: BSDS – 3A

Subject: AI (lab)

LAB TASK 2

# Fizz Buzz Game

**Features**

* Generates a random number each round
* User guesses the Fizz Buzz value of the running total
* Keeps track of the score for correct guesses
* The game continues until the user guesses incorrectly
* Simple menu system for easy navigation

**Game Logic**

* if the total is divisible by both 3 and 5, the correct answer is "fizz buzz"
* If divisible only by 3, the answer is "fizz"
* If divisible only by 5, the answer is "buzz"
* Otherwise, the correct answer is the total number as a string
* If the guess is incorrect, ends the game and displays the final score

# 2. Movie Budget Analysis

**Features**

* Store movies as (title, budget) tuples
* Allow user to add more movies
* Calculate total and average budget
* Identify movies with budgets above average
* Show how much each movie exceeded average
* Count how many movies are above average

**Calculations and Output**

* Sum all budgets to get total
* Compute average budget
* For each movie above average, print title and excess amount
* Print total count of above-average movies