SR UNIVERSITY

AI CODING

NAME:BHAVANA.POMMEDI

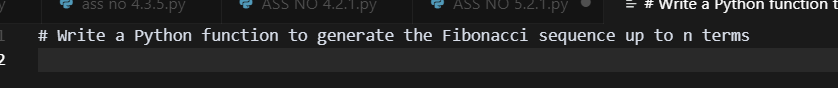
ENROLLMENT NO:2403A54069

BATCH NO:03

ASSIGNMENT NO:4.2

Task Description#1  
• Zero-shot: Prompt AI with only the instruction — Write a Python function to  
generate the Fibonacci sequence up to n terms

Prompt



Code

A screenshot of a computer program

AI-generated content may be incorrect.

Output

A black background with yellow text

AI-generated content may be incorrect.

Explanation

A screenshot of a computer

AI-generated content may be incorrect.

A black screen with white text

AI-generated content may be incorrect.

Task Description#2  
• One-shot: Provide one example: Input: 100, Output: 37.78 to help AI generate a  
function that converts Fahrenheit to Celsius.

Prompt

A black screen with white text

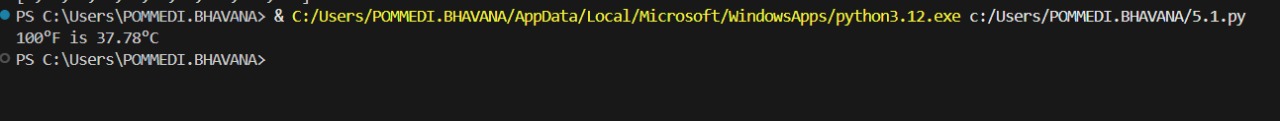
AI-generated content may be incorrect.

Code

A screen shot of a computer screen

AI-generated content may be incorrect.

Output



Explanation

A screenshot of a computer program

AI-generated content may be incorrect.

Task Description#3  
• Few-shot: Give 2–3 examples to create a function that extracts the domain name from  
an email address

Prompt

A screen shot of a computer

AI-generated content may be incorrect.

Code

A computer screen with text and images

AI-generated content may be incorrect.

Output:

A black screen with yellow text

AI-generated content may be incorrect.

Explanation:

A screenshot of a computer

AI-generated content may be incorrect.

Task Description#4  
• Compare zero-shot vs few-shot prompting for generating a function that checks  
whether a word is a palindrome, ignoring punctuation and case.  
Expected Output#4  
• Output comparison + student explanation on how examples helped the model

Prompt:

A close up of a white background

AI-generated content may be incorrect.

Code:

A screen shot of a computer screen

AI-generated content may be incorrect.

Output:

A black screen with yellow text

AI-generated content may be incorrect.

Explanation:

A screenshot of a computer program

AI-generated content may be incorrect.

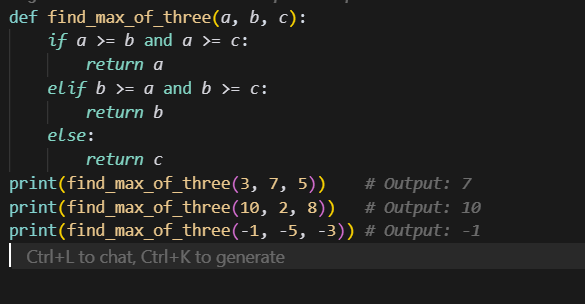
Task Description#5  
• Use few-shot prompting with 3 sample inputs to generate a function that determines  
the maximum of three numbers without using the built-in max() function.  
Expected Output#5  
• A function that handles all cases with correct logic based on example patterns

Prompt:

A screenshot of a computer

AI-generated content may be incorrect.

Code



Out put

A screen shot of a computer

AI-generated content may be incorrect.

Explanation

A screenshot of a computer

AI-generated content may be incorrect.