# **ASSIGNMENT-12.1**

**NAME:CHANDA HARINI**

**BATCH NO.:05**

**ROLL NO.:2403A510E1**

**TASK-1: (Sorting – Merge Sort Implementation)**

**PROMPT:**

A screen shot of a computer

AI-generated content may be incorrect.

**CODE:** A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer program

AI-generated content may be incorrect.

A screen shot of a computer

AI-generated content may be incorrect.

A black background with colorful text

AI-generated content may be incorrect.

**OUTPUT:** A computer screen with text

AI-generated content may be incorrect.

**OBSERVATION:**

A screenshot of a black text box

AI-generated content may be incorrect.

**TASK-2:  (Searching – Binary Search with AI Optimization)**

**PROMPT:** A screenshot of a computer

AI-generated content may be incorrect.

**CODE:** A screenshot of a computer program

AI-generated content may be incorrect.A screen shot of a computer

AI-generated content may be incorrect.A screen shot of a computer program

AI-generated content may be incorrect.

**OUTPUT:**

A screenshot of a computer

AI-generated content may be incorrect.

**OBSERVATION:**

A screenshot of a computer

AI-generated content may be incorrect.

**TASK-3:** **Real-Time Application – Inventory Management System**

**PROMPT:** A screenshot of a computer

AI-generated content may be incorrect.

**CODE:** A screen shot of a computer program

AI-generated content may be incorrect.A computer screen shot of a program

AI-generated content may be incorrect.A screenshot of a computer program

AI-generated content may be incorrect.

**OUTPUT:** A screenshot of a computer

AI-generated content may be incorrect.A screen shot of a computer

AI-generated content may be incorrect.

**OBSERVATION:** A screenshot of a computer error

AI-generated content may be incorrect.

**------------THANK YOU------------**