Bahria University,

Karachi Campus



LAB EXPERIMENT NO.

**09**

LIST OF TASKS

|  |  |
| --- | --- |
| TASK NO | OBJECTIVE |
| 1 | Write a multithreaded OpenMP C program for performing summation of numbers. |
| 2 | Write an OpenMP C program in which you have a range of numbers, and you want to find all the even numbers in the range. The search operation can be parallelized using OpenMP to improve performance. |
|  |  |

Submitted On:

31/05/2023

(Date: DD/MM/YY)

**Task No 1:** Write a multithreaded OpenMP C program for performing summation of numbers.

**Solution:**

A picture containing text, screenshot, font

Description automatically generated

**Output:**

A screenshot of a computer program

Description automatically generated with medium confidence

**Task No 2:** Write an OpenMP C program in which you have a range of numbers, and you want to find all the even numbers in the range. The search operation can be parallelized using OpenMP to improve performance.

**Solution:**

A picture containing text, screenshot, font

Description automatically generated

**Output:**

A screenshot of a computer program

Description automatically generated with medium confidence