Walchand College of Engineering, Sangli
Department of Computer Science and Engineering

Class: Final Year (Computer Science and Engineering)

Year: 2021-22   **Semester:** 1
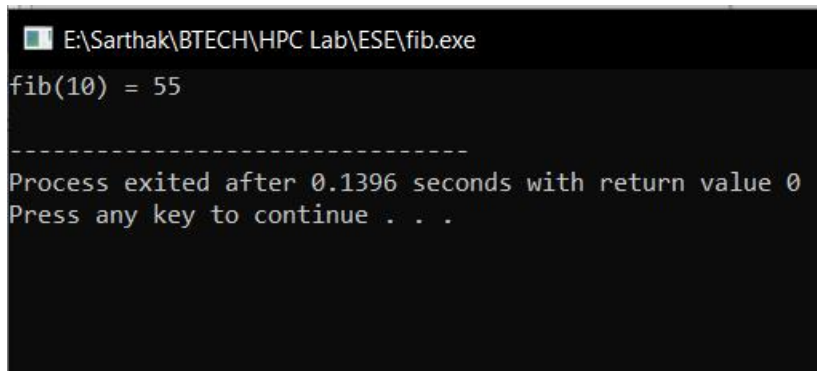
Course: High Performance Computing Lab

HPC LAB ESE

Exam Seat No:

1. Exam Seat Number - 2018BTECS00019
2. Name - Sarthak Shivgonda Patil

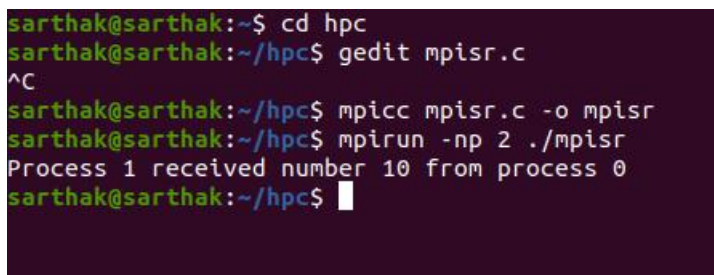**Problem Statement 1: Fibonacci series using OPENMP**

Screenshot :

Information : Fibonacci series program output using OPENMP

Problem Statement 2: Send double from one process to another
Screenshot :

Information : Sending double of a number using MPI send and receive

Problem Statement 3: Matrix and vector multiplication using CUDA

Screenshot :

Final Year: High Performance Computing Lab

```
 ⊡→
    Product of matrix and vector:
     3      8
```

Information : Product of matrix {{1,2},{1,3}} and vector {1,2}

Github Link:https://github.com/sarthak1772000/HPCESE

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