## **SCIENTIFIC COMPUTING REPORT 05**

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**Course Code: ME5470** 

Question 01:

Time taken by serial run is shown below:

Time taken by parallel run is shown below:

```
Hostname: sahyadri
    Working on time step no. 5, time = 0.000060
The time taken at it th step 5, time taken at ith step = 0.002832
The time taken at it th step 5, time taken at ith step = 0.002830
The time taken at it th step 5, time_taken at ith step = 0.002860
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```

The time taken at it th step 3, time taken at ith step = 0.002896
The time taken at it th step 3, time taken at ith step = 0.002896
The time taken at it th step 3, time taken at ith step = 0.002897
The time taken at it th step 3, time taken at ith step = 0.002897
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The time taken at ith step 6, time taken at ith step = 0.002898
The time taken at ith step 7, time taken at ith step = 0.002898
The time taken at ith step 7, time taken at ith step = 0.003498
The time taken at ith step 7, time taken at ith step = 0.003498
The time taken at ith step 9, time taken at ith step = 0.003498
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The time taken at ith step 9, time taken at ith step = 0.003498
The time taken at ith step 9, time taken at ith step = 0.003498
The time taken at ith step 9, time taken at ith step = 0.003908
The time taken at ith step 9, time Sessions View Split MultiExec Tunneling Packages Settings Help X server Edt 4