

[6CS005 - High Performance Computing](https://classroom.google.com/u/2/c/MTQ3NjkzNDMzMjUw)

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**Portfolio Tasks**

**Task 1 Parallel and Distributed Systems (15 Marks)**

1. What are threads and what they are designed to solve? **(2 marks)**

**Ans:**

1. Name and describe two process scheduling policies. Which one is preferable and does the choice of policies have any influence on the behavior of Java threads? **(2 marks)**

**Ans: The two process scheduling policies are:**

1. **Pre-emptive**
2. **Co-operative**

3. Distinguish between Centralized and Distributed systems? **(2 marks)**

4. Explain transparency in D S? **(2 marks)**