**CLASS EXERCISE TO BE SUBMITTED ON 5TH OCT 2024**

Using the following details, calculate the service time for the algorithms where applicable and draw the Gantt Chart for the following algorithms:

* First Come First Serve
* Shortest Job First
* Priority Based Scheduling
* Shortest Remaining Time
* Round Robin

Use the details as follows below:

|  |  |  |
| --- | --- | --- |
| PROCESS ID | ARRIVAL TIME | EXECUTION TIME |
| P1 | 3 | 1 |
| P2 | 1 | 4 |
| P3 | 4 | 2 |
| P4 | 0 | 6 |
| P5 | 2 | 3 |