* Schedule the following processes using preemptive priority algorithm, shortest remaining time first, and FCFS.
* Draw the Gantt Chart for each algorithm and compute the waiting time and turnaround time for each process.

| **Process** | **Arrival Time** | **Priority** | **Burst Time** |
| --- | --- | --- | --- |
| **P1** | **0** | **3** | **3** |
| **P2** | **1** | **2 (H)** | **4** |
| **P3** | **2** | **4** | **6** |
| **P4** | **3** | **6** | **4** |
| **P5** | **5** | **10  (L)** | **2** |