Explain the importance of below 4 demons in job execution with minimum of 5 points

1. Name node
   1. Namenode is the center-piece of HDFS
   2. Helps the client to save the file in the Hadoop filesystem
   3. It gives the relevant Datanode where the data file is available
   4. Namenode are independent and they do not require coordination with each other
   5. The datanoed caches are calculated by Namenode
   6. The namenode helps to identify the available blocks to be assigned
2. Data node
   1. Datanode is responsible for storing the actual data in HDFS.
   2. The DataNodes are used as common storage for blocks by all the Namenodes
   3. We can store ‘n’ number of Datanodes
   4. It helps to connect to the namenode
   5. Once the namednode provides the datanode information, datanode can talk to client application
   6. Datanode can talk to each other
3. Resource Manager
   1. It is responsible for scheduling and Monitoring of every job and completion of each job
   2. The new ResourceManager manages the global assignment of compute resources to applications
   3. YARN provides better resource management in Hadoop, resulting in improved cluster efficiency and application performance.
   4. YARN provides the mapreduce program
4. Node manager
   1. Node manager take care of Hadoop clusters
   2. A Node manager runs more than one containers related to an applications
   3. the Node Manager launches the container