1. Why Map-reduce program is needed in Pig Programming?

Ans – pig internally submitting job to map reduce. Map reduce is core part of hadoop. That why map reduce program is needed in pig programming.

2.What are advantages of pig over MapReduce?

Ans – 1.Pig script are very less as compare to map reduce.

2.map reduce are complex as compare to pig.

3.pig script are 80% less than map reduce.

4.for map reduce you should know java very well but for pig you don’t want to master in java.

3. What is pig engine and what is its importance?

Pig engine take pig latin code process it complie optimize and plan pass this to map reduces statements. Map reduce will pass this to hdfc and output will be sent back as result.

4. What are the modes of Pig execution?

Ans – MapReduce/Hadoop Mode**:** Here Pig jobs run as a series of MapReduce jobs picking the input and output paths from HDFS.

Type the command pig or pig –x mapreduceto run Pig in MapReduce Mode.

2. Local Mode**:** Here the entire Pig job runs as a single JVM picking the local Unix path for execution.

5. What is grunt shell in Pig?

Ans –Interactive Shell for executing Pig Commands.

Used when script file is not provided.

Can execute scripts from Grunt via run or exec commands.

6. What are the features of Pig Latin language?

Ans - Pig Latin Scripts start by loading one or more data sets in a bag, and then creates new bags by modifying.

7. Is Pig latin commands case sensitive?

* Ans -The names (aliases) of relations A, B, and C are case sensitive.
* The names (aliases) of fields f1, f2, and f3 are case sensitive.
* Function names PigStorage and COUNT are case sensitive.
* Keywords LOAD, USING, AS, GROUP, BY, FOREACH, GENERATE, and DUMP are case insensitive.

8. What is a data flow language?

Ans – in a dataflow language you have a stream of data which is passed from instruction to instruction to processed.