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

Pig commands internally gets converted into Map reduce Logic and that’s the reason Pig needs Map reduce programming

1. What are advantages of pig over MapReduce?

* Easy to Code
* Easy to Learn
* Java knowledge is not Required
* Easy to debug
* Quick to code
* Could complete a task in less number of lines
* Provides data processing Operations such as Join, Filter, Group By, Order By, Union etc.

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

* Pig Engine is for executing data flows in Parallel on Hadoop
* Pig Engine Includes Pig Latin for expressing data Flows

1. What are the modes of Pig execution?

* Local
* HDFS

1. What is grunt shell in Pig?

* Shell where Pig commands execute

1. What are the features of Pig Latin language?

* Pig Latin parses, compiles scripts into Map Reduce Jobs run on Hadoop
* SQL Like Language
* Declarative
* High-Level Language Interface for Hadoop
* UDF’s
* Piggybank, a collection of user contributed UDF’s
* Four Join implementations are built in Pig

1. Is Pig latin commands case sensitive?

* Yes

1. What is a data flow language?

* dataflow programming is a [programming paradigm](https://en.wikipedia.org/wiki/Programming_paradigm) that models a program as a [directed graph](https://en.wikipedia.org/wiki/Directed_graph) of the data flowing between operations