1.what makes Numpy.shape()different from Numpy.size()?
Ans.IMSL Numberical Libraries are libraries of numerical analysis functionality implemented in standard programming languages like C.java C#.
2.In Numpy.describe the idea of broadcasting?
Ans.The term broadcasting refers to the ability of Numpy to treat arrays of different shapes during arithmetic operations.Arithmetic operations on arrays are usually done on corresponding elements.
3.what makes python better than other libraries for numerical computation?
Ans.python libraries are used to create applications and models in a variety of fields for instance machine learning data science data visualization image and data manipulation and many more

4.How does Numpy deal with files?
Ans.Numpy introduces a simple file format for ndarray objects. This npy file stores data ,shapes, dtype and other information required to reconstruct the ndarray in a disk file such that the array is correctly retrieved even if the file is on another machine with different architecture.
5.Mention the importance of Numpy.empty()?
Ans.The Numpy empty ()function is used to create an array of given shapes and types without initializing values.To works with arrays python provides a numpy empty array function. It is used to create an empty array as per user condition means given data type and shape of the array without initializing values.