**Day 1**

1.what is abstract class in java?

2.Inheritance in java

3.types of Inheritance?

4.why multiple Inheritance is not allowed in java?

5.multithreading

6.life cycle of thread

7.can we start the thread twice

8.what are the methods in object class

9.I have a class ,I want to print and I have a package.In another class I want to print class name and package name how will u do?

Getname and getclassname method

10.if I create a object of object class and if want to call the clone method is that possible

No

11.why to use hcode and equals methods

12.what is the return type of clone method

Object

13.clone method will it do deep cloning or sallow cloning

Sallow cloning member to member it will copy

14i.if we need deep cloning what we should we do

We need to definitely override that clone method and make sure that whatever the dependant object that class have we need to give a new face reference to that object

15.A list has 1000 of elements and if I want to pick one element how to pick that

We have get method

16.What will you pass in the get method?

Index

17.What is the data type of index?

Integer

18.How many elements a list can have?

There is no upper limit as far as meinterger

19.What is the upper limit of interger?

One list has 10 interger

20.how will you sort it?

Using collections and utility class we use sort method.

21.Is there any other way?

We can pass tis array list to a tresset and duplicates will be removed

22.What is serialization?

23.What is externaliazation?

24.What is the use of it?

25.What are the feature jdk 8 has?

Functional interface

New java scrip engine

26.What is functional interface?

27.Interfaces that has only single abstract method

28.Do we need to use annotation for that?

It is not necessary while reading annotation will increase the readability and also limit us from Adding another abstract method

**Day 2**

29.How do you handle exceptions

30.is it mandatory to have catch block with try block

31.can we have multiple catch block in a single try block

32.difference between string buffer and string builder

33.what is string class in java and how do you compare Strings

34.how to create a immutable class

35.what is serialization

36.if I have class in that class I have four to five variables and I don’t want to convert all the variables to bytes what is the way to avoid that?

37.I have a string let us consider I have a string madam (m a d a m) so if I traverse it from right to left or left to right It remains same can you tell me how to check whether the string is palindrome or not

38.why should we use spring

39l.life cycle of bean

40.transaction in spring

41.let us consider I have to create an cloud applicatiot can you tell me step by step how to create a spring boot project from scatch and try to store some records into your database

42.what are the starter dependency

43.can you change the port of your contact server

44.if I don’t want to run my application on contact server is there any way to run my application on a different server other than contact server

45.ideas about swagger

46.what is primary key

47.what is foreign key

DAY 3

48.why we should choose array and arraylist in which scenario you will go for array and which scenario you will go for arraylist

49.why over array and arraylist you will choose linked list

50.what is the use of constructor In java and why we need it

51.what is deadlock in thread

52.what is the use of application property in spring shoot

53.any other way of implementing the configuration in spring boot application

54.what is Eml

55.In spring boot application what are the multiple application property file

56.what is garbage collection

57.can garbage collect object at any point of time can you force it

58.what is finalize method in terms of collection

59.what is string literals

60.why Strings are immutable

61.what is string constant pool and string literal pool

62.if string str1 =”java” and string str2 =”java” and then I write string str3 =new String (java) and the fourth line I will wrote string str4= new String (java) how many objects are created here

63.if I write println(1+2+3+”welcome”+5) what will be the output

64.if I write println(1+2+3+”welcome”+5+6) what will be the output

65.which is more efficient string buffer or string builder

66.what are the checked exceptions and unchecked exceptions

67.IndexOutOfBound explain

68.what is the way to handle the exceptions in java

69.what is the use of throw keyword

70.what is the use of comparable and comparator

71.what is single sorting and multiple sorting

72.any other scenario you will go for comparator and comparable

73.have you heart about singleton class

74.what is the way to create a class singleton

75.why we want to declare constructor as private

76.what is the use of lambda

77.what is optional class

78.in mysql how do you connect your project with your database

79.what is form.xml

80.you have a task in that task you know that in which application you want to change how do you take the code from your remote to local mechine

DAY 4

81.what is the difference between literator and listliterator

82.How to make read only ArrayList in java

83.what methods threads use to communicate with each other

83.can you pass List<String> to a method which accepts List<Object>

84.what is starter dependency in spring boot application

85.how to connect to database from springboard application

86.what is idempotent method according to HTTP specification

87.what is a feature branch jn git

88 How to call REST API from your spring boot application

89.what is unique constraint in database

DAY 5

90.How can I configure and use two data sources in my springboot application so I have one simple application and I want to configure two data sources in the same application so how can I achieve this

91.what us profiling symbol

92.any other way to create a object apart from new keyword

93.what are the methods of object class has

94.what is the return type oofget class method

95.What is the return type of final method

96.what is the two use of string method

97.what is encapsulation

98.can class be private

99.what is good to use global variable or local variable

100.is there any method to destroy a object in java

101.how to run garbage collector

102.system.gcm did means garbage collection will get run

103.can a class be final

104 can a class be final and public

105.can a class be final static public

106.cqn I say that if any class is final then all the method of that class becomes final

107.what is the use of final method

108.how to modify methods in java

109.