**MCQ**

1. Which implementation of Set will you use for storing values in sorted order?
2. LinkedList
3. LinkedHashSet
4. TreeSet
5. HashSet
6. Which implementation of Map will you use to maintain the insertion/addition order?
7. HashMap
8. LinkedHashSet
9. LinkedHashMap
10. TreeMap
11. Which implementation of List will you use for performance when there is a lot of fetches by index from the middle of List?
12. LinkedList
13. ArrayList
14. LinkedHashSet
15. HashSet
16. If two hashcodes are not equal then
17. Objects can be equal
18. Objects can never be equal
19. Objects will always be equal
20. None of these
21. If objectA==objectB is true then
22. objectA will always be equal to objectB
23. May not be equal
24. Hashcode will be equal
25. None of these
26. If objectA.equals(objectB) is true then
27. objectA==objectB is always true
28. objectA==objectB can be true or false
29. None of these
30. If objectA.equals(objectB) is true then
31. their hashcode should always be same
32. their hashcode can be same or different
33. None of these

TreeMap<Integer,Employee> is a map where keys are integers and Employees are values then the comparator should be created for

1. Keys
2. Values
3. For both can be done
4. None of these
5. Which implementation of List will you use for performance if there are a lot of insertions at start of List
6. ArrayList
7. LinkedList
8. LinkedHashSet
9. LinkedHashMap

10)

public class Exception2 {

public static void main(String[]args){

try{

throw new NullPointerException();

}catch (Exception e){

System.out.println("exception caught");

}

catch (NullPointerException e){

System.out.println("null pointer exception caught");

}

}

}

What is the output of the above program?

1. exception caught

null pointer exception caught

1. Compilation failure
2. null pointer exception caught
3. None of these

11)

Which property of form input text element is used to read input by user?

1. innerhtml
2. value
3. valueOf
4. None of these

12)

public class Exception2 {

public static void main(String[]args){

try{

throw new Exception();

}catch (RuntimeException e){

System.out.println("exception caught");

}

}

}

What is the the output of the above program?

1. exception caught
2. Nothing will get printed
3. Compilation failure
4. None of these
5. maven is a
6. Library
7. Framework
8. Project management build tool

None of these

14)

public class HelloWorld {

public static void main(String[] args) {

String s="hello";

s="world";

System.out.println(s);

}

}

What will be the output of the above program

1. compilation failure
2. world will be printed
3. hello will be printed
4. none of these

15)

public class HelloWorld {

public static void main(String[] args) {

String s1="hello";

String s2="hello";

System.out.println(s1);

System.out.println(s2);

}

}

How many string objects are created in above program

1. 1
2. 2
3. 3
4. 0

16)

public class HelloWorld {

public static void main(String[] args) {

int i=9;

Integer a=i;

System.out.println(a);

}

}

What will be the output of above program

1. Compilation failure as int cant be casted to Integer
2. 9 will be printed
3. Cast exception
4. None of the above

4) Default package that gets imported in java program

1. Java.lang
2. java.util
3. java.io
4. Java.time;

17)

public class HelloWorld {

public static void main(String[] args) {

int i=10;

HelloWorld obj=new HelloWorld();

obj.display(i);

System.out.println("inside main , i="+i);

}

public void display(int i){

i++;

System.out.println("inside display i="+i);

}

}

What is the output of the above program?

1. inside display i=11

inside main , i=11

1. inside display i=11

inside main , i=10

1. inside display i=10

inside main , i=10

D)none of the above

18)

public class StudentMain {

public static void main(String[] args) {

Student student = new Student("dinesh");

StudentMain obj = new StudentMain();

obj.change(student);

System.out.println("inside main student="+student.getName());

}

public void change(Student student) {

student = new Student("akash");

System.out.println("inside change student=" + student.getName());

}

}

What is output of the above program?

A)

inside change student=akash

inside main student=akash

B) inside change student=dinesh

inside main student=dinesh

C)

inside change student=akash

inside main student=dinesh

D)None of the above

19)

public class StudentMain {

public static void main(String[] args) {

Student student = new Student("dinesh");

StudentMain obj = new StudentMain();

obj.change(student);

System.out.println("inside main student="+student.getName());

}

public void change(Student student) {

student.setName("akash");

System.out.println("inside change student=" + student.getName());

}

}

What is output of the above program?

A)inside change student=akash

inside main student=dinesh

B) inside change student=dinesh

inside main student=dinesh

C)

inside change student=akash

inside main student=akash

D)None of the above

1. Which of the below statements are correct?
2. String object can’t be changed and StringBuilder object cant be changed
3. String object can be changed but StringBuilder object cant be changed
4. String can’t be change but StringBuilder can be changed
5. None of the above

21)

public class Student {

public Student(){

counter++;

}

private static int counter;

public static int getCounter(){

return counter;

}

}

public class Ui {

public static void main(String[] args) {

Student s1=new Student();

Student s2=new Student();

int counter=Student.getCounter();

System.out.println(counter);

}

}

What is the output of the above?

1. 1
2. 2
3. Compilation failure
4. None of the above

22)

public class HelloWorld {

public static void main(String[] args) {

for(byte b=0;b<=128;b++){

System.out.println(b);

}

}

}

1. Infinite loop
2. Prints 0 to 128
3. 0 to 128 and -127
4. Prints nothing

23)

class Employee{

}

class Manager extends Employee{

}

public class EmployeeMain {

public static void main(String[] args) {

Manager m=new Manager();

System.out.println(m instanceof Manager);

System.out.println(m instanceof Employee);

}

}

1. true false
2. true true
3. false true
4. false false

24)

What is the range of character in java?

1. 0 to 256
2. 0 to 64k approx
3. 0 to 128
4. None of the above