Use the following code for problems 1 – 15. In each problem state what’s printed.

String s = “Lucky hockey puck”;

String m = “uck”;

int j = 6, z = 99;

1. int k = s.indexOf(m);

System.out.println(k);

1

2. int k = s.indexOf(“uck”, j);

System.out.println(k);

14

3. int k = s.indexOf(‘c’);

System.out.println(k);

2

4. String str = s.replace(‘o’, ‘p’);

System.out.println(str);

Lucky hpckey puck

5. int k = s.lastIndexOf(m, j + 3);

System.out.println(k);

14

6. char p = s.charAt(7);

System.out.println(p);

o

7. int k = s.indexOf(z);

System.out.println(k);

2

8. int k = s.lastIndexOf(m);

System.out.println(k);

14

9. int k = s.indexOf(‘y’, j);

System.out.println(k);

11

10. char p = s.charAt(z - 90);

System.out.println(p);

k

11. int k = s.indexOf(m,15);

System.out.println(k);

-1

12. int k = s.indexOf(z + 2, 4);

System.out.println(k);

6

13. int k = s.lastIndexOf(‘h’);

System.out.println(k);

6

14. int k = s.lastIndexOf(121);

System.out.println(k);

4

15. String str = s.replace(‘y’, ‘A’);

System.out.println(str);

LuckA hockeA puck

The following code applies to problems 16 – 22. In each problem, state what’s printed.

String xyz = “bathtub”;

String ddd = “BathTUB”;

String ccc = xyz;

String wc = “Whooping crane”;

String s = “ \t\tGu daay, mates \n”;

16. int j = xyz.compareTo(wc);

boolean bb;

if (j > 0)

bb = true;

else

bb = false;

System.out.println(bb);

true

17. String v = ddd.toLowerCase( );

int fg = ccc.compareTo(v);

System.out.println(fg + 1);

1

18. System.out.println(ddd.compareTo(ccc));

-1

19. System.out.println(xyz.compareTo(ccc));

0

20. System.out.println(“Stupid”.compareTo(ddd));

1

21. System.out.println(“>>>” + s.trim( ) + “<<<”);

>>>Gu daay, mates<<<

For the remaining problems assume the following code has already executed:

String m = “Good morning, how may I help you? I289 56”;

Scanner sc = new Scanner(m);

Additionally assume for each problem that the code in all of the preceding problems (starting with problem 22) has run and state what is printed. If an exception (error) is generated, state what causes it.

22. System.out.println(sc.next( ));

Good

23. sc.skip(“\\s\*mo”);

String s = sc.next( );

System.out.println(s);

rning,

24. sc.useDelimiter(“\\s+I”);

System.out.println(sc.next( ));

how may

25. sc.findInLine(“el”);

System.out.println(sc.hasNext( ));

System.out.println(sc.next( ));

error NoSuchElementException

true

help you?

26. sc.useDelimiter(“\\s+”);

System.out.println(sc.nextInt( ));

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