1. What is the output of the following code snippet? (A)

public class PrintMessage

{

public static void main(String[] args)

{

String str="3060";

str+=40;

System.*out*.println(str);

}

}

A. Compilation error B. Runtime Exception C. 306040 D. 3100

1. What is the output of the following code snippet? ©

public class PrintMessage

{

public static void main(String[] args)

{

String name="core";

System.*out*.println(name.concat(" java ")); name=name.concat(" java");

System.*out*.println(name);

}

}

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| A. core java |  | B. core java |  | C. core java |  | D. java core |
| core java core |  | core java |  | java core |  | java core |

1. What is the output of the following code snippet?

public class PrintMessage

{

public static void main(String[] args)

{

String data="Hi welcome to Bangalore";

System.*out*.println(data.substring(2,10).trim().length());

System.*out*.println(data.substring(2,10).trim().substring(3));

}

}

A. 6 B. 8 C. 7 D. 7

come come lcome come

4. What is the output of the following code snippet? ©

public class PrintMessage

{

public static void main(String[] args)

{

String names[]=new String[]{"Rajesh","Krish","Balu","Manoj"};

for(String name: names)

{

if(name=="Rajesh" || name=="Krish") System.*out*.println(name.toUpperCase());

}

}

}

1. Compilation successful but there is no output

1. Rajesh

Krish

1. RAJESH

KRISH

1. Compilation successful but it leads to runtime exception

5. What happens when you compile and execute this program? (A)+

public class PrintMessage

{

public static void main(String[] args)

{

String name="liril"; String rname=name.reverse();

if(name.equals("rname"))

{

System.*out*.println("Palindrome");

} else

{

System.*out*.println("Not a palindrome");

}

}

}

A. Palindrome B. Not a palindrome C. Compilation Error D. Can’t say

6. What is the output of the following code snippet? (A)

public class PrintMessage

{

public static void main(String[] args)

{

StringBuffer sb1=new StringBuffer("Welcome");

String sb2="Welcome";

if(sb1.toString().equals(sb2))

{

System.*out*.println("Both are equal ");

} else

{

System.*out*.println("Both are not equal");

}

}

}

A. Both are equal B. Both are not equal C. Compilation Error D. Runtime Exception

7. What is the output of the following code snippet? (B)

public class PrintMessage

{

public static void main(String[] args)

{

String s1 = "abc"; String s2 = s1;

s1 += "d"; System.*out*.println(s1 + " " + s2 + " " + (s1 == s2));

StringBuffer sb1 = new StringBuffer("abc");

StringBuffer sb2 = sb1;

sb1.append("d");

System.*out*.println(sb1 + " " + sb2 + " " + (sb1 == sb2));

}

}

1. abcd abc true

abcd abcd false

1. abc abcd false

abcd abcd true

1. abcd abc false

abcd abcd true

1. Compilation Error

8. What is the output of the following code snippet? (A)

public class PrintMessage

{

public static void main(String[] args)

{

StringBuffer sb=new StringBuffer("core java");

String s=sb;

System.*out*.println(s);

}

}

A. core java B. memory address is printed C. Compilation Error D. Runtime Exception

9. What is the output of the following code snippet? (D)

public class PrintMessage

{

public static void main(String[] args)

{

String name="Core Java";

System.*out*.println(name.substring(3).length());

System.*out*.println(name.substring(3,8));

}

}

A. 7 C. 6

ejava e Jav B. 6 D. None of the above ejav

10. What is the output of the following code snippet?

public class PrintMessage

{

public static void main(String[] args)

{

*test*("Mani");

}

public static void test(String str)

{

int check = 4;

if (check = str.length())

{

System.*out*.print(str.charAt(check -= 1) + ", ");

}

else

{

System.*out*.print(str.charAt(0) + ", ");

}

}

}

A. i B. M C. Compilation Error D. Runtime Exception

11. Please fill in the blanks (A)

String is a \_\_\_\_\_\_\_\_\_\_\_\_\_ class that is defined in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_ package.

1. static

java.lang

1. final

java.lang

1. innerclass

java.lang

1. public

java.util

12. Convert the following snippet into StringBuilder Object.

String info="The customer first name"+firstname+" and middile name"+middlename+" last name "+lastname; // where firstname, middlename and lastname are reference variables. A. StringBuilder sb=new StringBuilder();

sb= sb.concat(“The customer first name”).concat(firstname).concat(“and middle name”).concat(middlename).concat(“lastname”).concat(lastname);

B. StringBuilder sb=new StringBuilder();

sb= sb.append(“The customer first name”).append(firstname).append(“and middle name”).append(middlename).append(“lastname”).append(lastname); C. StringBuilder sb=new StringBuilder();

sb="The customer first name"+firstname+" and middile name"+middlename+" last name "+lastname;

D. None of the above

13. To print a given name character by character, fill in the missing code (B)

public static void test(String name)

{

for(int i=0;i<name.length();i++)

{

System.*out*.println(name.\_\_\_\_\_\_\_\_\_\_\_);

}

}

A. [i] B. charAt(i) C. char(i) D. charat(i)

14. To print the name, fill in the blank with the appropriate code. (D)

public static void test(StringBuffer name)

{

String n=name.\_\_\_\_\_\_\_\_\_\_\_;

System.*out*.println("Name is :"+n);

}

A. string() B.tostring() C.toString() D. None of these

1. String is\_\_\_\_\_\_\_\_\_\_, StringBuffer is\_\_\_\_\_\_\_\_\_\_ and StringBuilder is \_\_\_\_\_\_\_\_\_\_\_. (C)

A. Mutable, Immutable, Mutable B. Immutable, Mutable, Immutable

C. Immutable, mutable, mutable D. Mutable, Immutable, Immutable

1. What is the output of the following code snippet? (B)

public class Demo { public static void main(String[] args) {

String s1="Rajesh";

String s2=new String("Rajesh");

StringBuffer sb1=new StringBuffer("Rajesh");

StringBuffer sb2=new StringBuffer("Rajesh");

StringBuilder sbr1=new StringBuilder("Rajesh");

StringBuilder sbr2=new StringBuilder("Rajesh");

System.out.print(s1.equals(s2)+" "+sb1.equals(sb2)+" "+sbr1.equals(sbr2));

}

}

1. Compilation error
2. true true true
3. true false true
4. true false false
5. What is the output of the following code snippet? public class Demo { public static void main(String[] args) {

StringBuffer sb=new StringBuffer();

sb.append("Spa"); sb.append("n"); sb.append("eos");

System.out.println(sb.length());

System.out.println(sb.capacity());

}

}

* 1. 7, 7
  2. 7 , 11
  3. 8, 16
  4. 7,16 (D)

1. What is the output of the following code snippet? public class Demo { public static void main(String[] args) {

String name="Krish how are u?";

String info1=name.substring(0, 5).toUpperCase();

String info2=name.substring(0, 6).toUpperCase().trim();

System.out.println(info1.length()+" "+info2.length()+” “);

System.out.print(info1==info2);

}

}

* 1. 5, 5 false
  2. 6, 5 false C. 5, 5 true

D. 5, 6 false (D)

1. What is the output of the following code snippet ? public class Demo { public static void main(String[] args) {

String name="Krish Welcome to the Java 6 Version Java is a Beautiful Programming Language";

String data[]=name.split(" "); for(int i=0;i<data.length;i++) if(data[i].length()==4)

System.out.println(data[i].trim().toUpperCase());

}

}

* 1. Java Java
  2. Program leads to compilation error
  3. Program compilation successful but no output
  4. JAVA

JAVA

1. What is the output of the following code snippet? public class Demo { public static void main(String[] args) { String s1="Liril";

char s2[]=new char[s1.length()];

int flag=0; s1=s1.toUpperCase();

for(int i=s1.length()-1;i>=0;i--)

s2[i]=s1.charAt(i);

if(s1.length()==s2.length) for(int i=0;i<s2.length;i++) if(s1.charAt(i)!=s2[i]){

flag=1;

}

if(flag==0){

System.out.println("Both are same");

}else

System.out.println("Both are not same");

}

}

1. Program leads to compilation error
2. Both are same
3. Both are not same
4. There is no output