

FULL STACK DEVELOPMENT – WORKSHEET 1

All questions are multiple choice.

Q1. What is the size of float and double in java?

1. **32 and 64**
2. **32 and 32**
3. **64 and 64**
4. **64 and 32**

Q4.Find the output of the following program. public class Solution{

1. **Compile error**
2. **Throws exception**
3. **I**
4. **24 I**

**Q3.Find the output of the following code. int Integer = 24;**

**char String = ‘I’; System.out.print(Integer); System.out.print(String);**

1. **Byte to int**
2. **Int to long**
3. **Long to int**
4. **Short to int**

**Q2. Automatic type conversion is possible in which of the possible cases?**

public static void main(String[] args){ short x = 10;

x = x \* 5; System.out.print(x);

}

}

1. **50**
2. **10**
3. **Compile error**



1. **Exception**

Q5.Find the output of the following program. public class Solution{

public static void main(String[] args){ byte x = 127;

x++; x++;

System.out.print(x);

}

}

A. -127

B. 127

C. 129

D. 2

Q6. Select the valid statement.

A. char[] ch = new char(5) B. char[] ch = new char[5]

C. char[] ch = new char()

D. char[] ch = new char[]

Q7. Find the output of the following program.

public class Solution{

public static void main(String[] args){ int[] x = {120, 200, 016};

for(int i = 0; i < x.length; i++){ System.out.print(x[i] + “ “);

}

}

}

A. 120 200 016

B. 120 200 14

C. 120 200 16

D. None



Q8.When an array is passed to a method, what does the method receive?

1. **The reference of the array**
2. **A copy of the array**
3. **Length of the array**
4. **Copy of first element**

Q10. When is the object created with a new keyword?

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

**Q9.Find the value of A[1] after execution of the following program. int[] A = {0,2,4,1,3};**

**for(int i = 0; i < a.length; i++){ a[i] = a[(a[i] + 3) % a.length];**

**}**

Q11. Identify the corrected definition of a package.

1. At run time
2. At compile time
3. Depends on the code
4. None
5. A package is a collection of editing tools
6. A package is a collection of classes
7. A package is a collection of classes and interfaces
8. A package is a collection of interfaces

Q12.Identify the keyword among the following that makes a variable belong to a

class,rather than being defined for each instance of the class.

A. final B. static

C. volatile

D. abstract



Q13.Identify what can directly access and change the value of the variable res. Package com.mypackage;

Public class Solution{ Private int res = 100;

}

**Q16.Identify the output of the following program.**

**String str = “Hellow”; System.out.println(str.indexOf(‘t));**

1. **abc**
2. **bc**
3. **bcd**
4. **cd**

**Q15.Identify the output of the following program.**

**String str = “abcde”; System.out.println(str.substring(1, 3));**

1. **java.lang.Object**
2. **java.lang.String**
3. **java.lang.util**
4. **None**

**Q14.In which of the following is the toString() method defined?**

1. **Any class**
2. **Only Solution class**
3. **Any class that extends Solution**
4. **None**
5. **0**
6. **1**
7. **true D. -1**



Q17.

Identify the output of the following program. Public class Test{

Public static void main(String argos[]){ String str1 = “one”;

String str2 = “two”; System.out.println(str1.concat(str2));

}

}

**Q19.Find the output of the following code.**

**int ++a = 100; System.out.println(++a);**

1. **2**
2. **3**
3. **4**
4. **None**

**Q18.**

**How many objects will be created in the following? String a = new String(“FlipRobo”);**

**String b = new String(“FlipRobo”); String c = “FlipRobo”;**

**String d = “FlipRobo”;**

1. **one**
2. **two**
3. **onetwo**
4. **twoone**

A. 101

B. Compile error as ++a is not valid identifier C. 100

D. None



Q20.Find the output of the following code. if(1 + 1 + 1 + 1 + 1 == 5){

System.out.print(“TRUE”);

}

else{ System.out.print(“FALSE”);

}

Q22.Identify the return type of a method that does not return any value.

1. **50**
2. **22**
3. **10**
4. **None**

**Q21.Find the output of the following code. Public class Solution{**

**Public static void main(String args[]){ Int x = 5;**

**x \* = (3 + 7);**

**System.out.println(x);**

1. **TRUE**
2. **FALSE**
3. **Compile error**
4. **None**

Q23.Output of Math.floor(3.6)?

A. int B. void

C. double

D. None

A. 3

B. 3.0

C. 4

D. 4.0



Q24. Identify the modifier which cannot be used for constructor.

1. **public**
2. **protected**
3. **private D. static**

Q27. Identify the infinite loop.

1. **3**
2. **4**
3. **5 D. 6**

**Q26.**

**Find the output of the following code. Public class Solution{**

**Public static void main(String args[]){ Int i;**

**for(i = 1; i < 6; i++){ if(i > 3) continue;**

**}**

**System.out.println(i);**

**}**

**}**

1. **Object**
2. **Instance variables**
3. **Reference variable**
4. **None**

**Q25. What are the variables declared in a class for the use of all methods of the class called?**

1. **for(; ;)**
2. **for(int i = 0; i < 1; i--)**
3. **for(int i = 0; ;i++)**
4. **All of the above**



Q28.Exception created by try block is caught in which block A. catch

1. **throw**
2. **final**
3. **none**
4. **java.lang.package**
5. **java.util.package**
6. **java.io.package**
7. **None**

**Q30.Where is System class defined?**

1. **NullPointerException**
2. **NumberFormatException C. ArithmeticException**

**D. None**

**Q29.Which of the following exception is thrown when divided by zero statement is executed?**