
FULL STACK DEVELOPMENT – WORKSHEET 1

- Answers of Worksheet 1

Q1. Ans: A) 32 and 64

Q2. Ans: B) Int to long

Q3. Ans: D) 24I

Q4. Ans: A) 50

Code:

```
public class Question4 {  
  
    public static void main(String[] args){  
        short x = 10;  
        x =(short)(x*5);  
        System.out.print(x);  
    }  
}
```

Q5. Ans: A) -127

Code:

```
public class Question5 {  
    public static void main(String[] args){  
        byte x = 127;  
        x++;  
        x++;  
        System.out.print(x);  
    }  
}
```

Q6. Ans: B) char[] ch= new char[5]

Q7. Ans: B) 120 200 14

Code:

```
public class Question7 {  
    public static void main(String[] args){  
        int[] x = {120, 200, 016};  
        for(int i = 0; i < x.length; i++){  
            System.out.print(x[i] + " ");  
        }  
    }  
}
```

Q8. Ans: A) The reference of the array.

Q9. Ans: B) 1

Code:

```
public class Question9 {  
    public static void main(String[] args) {  
        int[] A = {0,2,4,1,3};  
        for(int i = 0; i < A.length; i++){  
            A[i] = A[(A[i] + 3) % A.length];  
        }  
        System.out.println(A[1]);  
    }  
}
```

Q10. Ans: A) At run time.

Q11 Ans: C) A package is a collection of classes and interfaces

Q12. Ans: B) static

Q13. Ans: B) Only Solution class

Q14. Ans: A) java.lang.Object

Q15. Ans: B) bc

Code:

```
public class Question15 {  
    static String str = "abcde";  
    public static void main(String[] args) {  
        System.out.println(str.substring(1, 3));  
    }  
}
```

Q16. Ans: D) -1

Code:

```
public class Question16 {  
    static String str = "Hellow";  
    public static void main(String [] args) {  
        System.out.println(str.indexOf('t'));}  
}
```

Q17. Ans: C) onetwo

Code:

```
public class Question17 {  
    public static void main(String args[]){  
        String str1 = "one";  
        String str2 = "two";  
        System.out.println(str1.concat(str2));}  
}
```

Q18. Ans: B) 3

Q19. Ans: B) Error

Syntax error on token "++", delete this token
a cannot be resolved to a variable

Q20. Ans: A) TRUE

Code:

```
public class Question20 {  
    public static void main(String[] args) {  
        if(1 + 1 + 1 + 1 + 1 == 5){  
            System.out.print("TRUE");  
        }  
        Else {  
            System.out.print("FALSE");  
        }  
    }  
}
```

Q21. Ans: A) 50

Code: `public class` Question21 {

 `public static void` main(String[] args) {
 `int` x = 5;
 x *= (3 + 7);
 System.`out`.println(x);
 }}

Q22. Ans: B) void

Q23. Ans: B) 3.0

Q24. Ans: D) static

Q25. Ans: B) Instance variables

Q26. Ans: D) 6

Code of program:

```
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);  
    }  
}
```

Q27. Ans: D) All of the above

Q28. Ans: A) catch

Q29. Ans: C) ArithmeticException

Q30. Ans: A. java.lang.package