

Worksheet-3

1. (B) Use of pointer is not a java feature.
2. (A) Identifiers and Keyword cannot be used for a Variable name in Java.
3. (C) Object class is the superclass of every class in java.
4. (C) The Valid declaration of a Boolean is: -
 Boolean b3 = false;
5. (D) Default is the modifier when there is none mentioned explicitly.
6. (C) All the variables in the interface should be public, static and final.
7. (C) String data type is used to store command line arguments.
8. (A) Infinite
9. (A) The output of the program is Java
10. (B) The output of the program is 3
11. (D) All of the mentioned.
12. (D) Standard output variable 'out' is defined in System class.
13. (C) As the variable x is already defined in the main method the program will give compilation error due to duplicate local variable use.
14. (B) if any Static method is present then it will be executed first before execution of any other thing takes place in the program.
15. (D) All of the mentioned can be used to differentiate two or more methods having same name.
16. (C) The output of the program will give a runtime error. It will give an error "Main method not found in class output". In the main method Public should be defined.
17. (D) The output of the program is 30. In the program Int volume needs to be defined in the class area.
18. The Syntax to create/define java methods is as follows:

```
Modifier static returnType nameOfMethod (parameter1, parameter2...) {  
    //Method code  
}
```

19. The program for the given instructions is as follow: -

```
class addition {  
  
    int sum;  
    int addTwoInt (int a, int b) {  
        sum = a+b;  
        return sum;  
  
    }  
  
}  
  
public class MethodCall  
{  
    public static void main (String [] args)  
    {  
        addition add = new addition();  
        System.out.println(add.addTwoInt(10,10));  
  
    }  
}
```

20. The program for the given instructions is as follows: -

```
class Example {  
    private int number;  
    private String name;  
  
    public String getName () {  
        return name;  
    }  
    public void setName(String name) {  
        this.name = name;  
    }  
    public int getNumber(){  
        return number;  
    }  
    public void setNumber(int number){  
        this.number=number;  
    }  
    void printDetails () {  
        System.out.println(this.name);  
        System.out.println(this. number);  
    }  
}  
  
public class Demo {  
    public static void main (String [] args) {  
        Example ex = new Example ();  
        ex.setName ("sugam kumar");  
        ex.setNumber(29);  
        ex.printDetails ();  
    }  
}
```

