

1.Explain data hiding with an example

2.What is the use of constructors

3.What will be the output of following program:

```
class A {  
    A(int a){  
        System.out.println("Hi I am class A with int value as : " + a)  
    }  
    A(String a){  
        System.out.println("Hi I am class A with string value as : " + a)  
    }  
}  
  
class B{  
    public static void main(String args){  
        A a = new A();  
        A a1 = new A("Hello");  
    }  
}
```

Options :

- 1.Runtime Error, Hi I am class A with string value as hello
- 2.Compile Time error, Hi I am class A with string value as hello
- 3.Runtime Error, Hi I am class A with int value as hello
- 4.Compile Time, Hi I am class A int string value as hello
- 5.No error, with Hi I am class A with string value as hello

4.Which of the following is not a primitive data type?

- 1.byte
- 2.int
- 3.short
- 4.enum

5.Which method is used to read a single word given by the user ?

- 1.next()
- 2.nextDouble()
- 3.nextShort()

6.WAP to print for range 1-50 to print "I am divisible by 2" if number is divisible by 2

7.Write A program to create a class shape which will have 2 constructors

- 1.it will take input as length, breadth -> print "I am rectangle"
- 2.it will take input as length -> print "I am square"

8.What will be the output of the below program :

```
class A {  
    void display(String a){  
        System.out.println(a);  
    }  
    void display(int a){  
        System.out.println(a);  
    }  
}  
  
class B{  
    public static void main(String args[]){  
        A a = new A();  
        a.display("hello");  
    }  
}
```

Options :

- 1.Compile Time Exception
- 2.hello
- 3.10
- 4.Run Time Exception

9.Which keyword is used for data hiding

- 1.private
- 2.public
- 3.default
- 4.Any of above

10.What will be the out of the following program :

```
class A {  
    public static void main(String ags[]){  
        String a="abc";  
        String b=new String("abc");  
        System.out.println(a.equals(b));  
        System.out.println(a==b);  
    }  
}
```

Options :

- 1.false true
- 2.true true
- 3.false false
- 4.true false

11.What is the name of the process by which two or more strings are joined together?

- 1.association
- 2.Concatenation
- 3.charAt()
- 4.method

12.Explain String pool constant