Dt : 21/3/2025

faq:

define 'Wrapper' in JDBC?

  =>'Wrapper' is an interface from java.sql package and which specify the JDBC-Components

    are connected to database Product or not.

  =>'Wrapper' extended to 'Connection' interface and having the following methods:

      (i)isWrapperFor()

      (ii)unwrap()

faq:

define 'AutoCloseable'?

  =>'AutoCloseable' is an interface from java.lang package and which supports auto-closing

    Operation.

  =>The Components which are used in try-with-resource statement must be extended or

    implemented from 'java.lang.AutoCloseable' interface.

  =>The JDBC-Components like Connection,Statement,PreparedStatement,CallableStatement and

    ResultSet will support auto-closing operation.

Program : DBCon17.java

```java
package test;
import java.util.*;
public class DBCon17 extends Exception
{
	public DBCon17(String msg)
	{
		super(msg);
	}
```

```java
    public static void main(String[] args)
    {
        Scanner s = new Scanner(System.in);
        try(s;)//Java9
        {
            try
            {
                System.out.println("Enter the Marks of CoreJava:");
                int cj = s.nextInt();//Exception for NonInteger
value

                if(cj<0 || cj>100)//Raise Exception
                {
                    DBCon17 ob = new DBCon17("Invalid Marks....");
                    throw ob;
                }
                System.out.println("-----Details-----");
                System.out.println("Marks of CoreJava:"+cj);
            }//end of try
            catch(InputMismatchException ime)
            {
                System.out.println("Enter only Integer
value....");
            }
            catch(DBCon17 d)
            {
                System.out.println(d.getMessage());
            }
        }//end of try with resource
    }
}


Diagram:
```
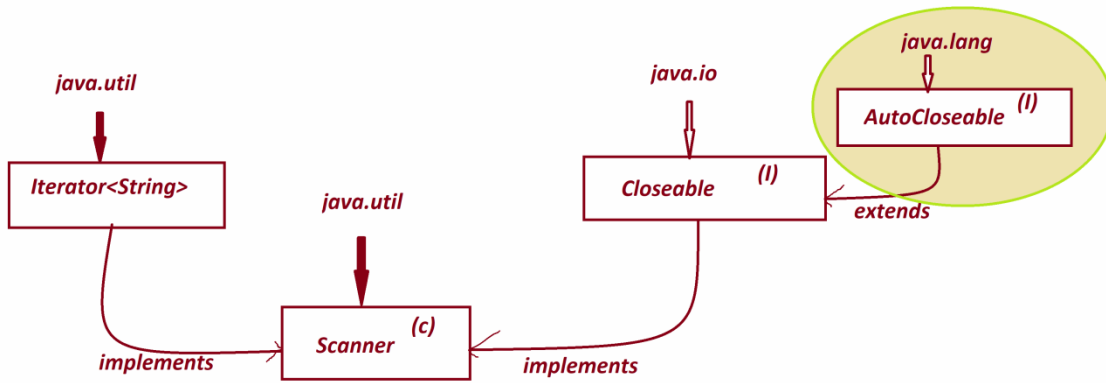
java.util

Iterator<String>

java.util

java.io

java.lang

AutoCloseable (I)

Closeable (I)

Scanner (c)

implements

implements

extends