Demo List

import java.util.\*;

class DemoArrayList

{

public static void main(String args[])

{

ArrayList<String> names=new ArrayList<String>();

names.add("Sandy");

names.add("Sandeep");

names.add("Akshay");

names.add("Sujit");

names.add("Sarvesh");

Iterator itr=names.iterator();

System.out.println("[");

while(itr.hasNext())

{

System.out.println(itr.next());

}

System.out.println("]");

System.out.println("\n");

names.remove(3);

Iterator itr1=names.iterator();

System.out.println("[");

while(itr1.hasNext())

{

System.out.println(itr1.next());

}

System.out.println("]");

System.out.println("\n");

for(String a:names)

{

System.out.println(a);

}

}

}

Demo Hash Map

import java.util.\*;

class DemoHashMap

{

public static void main(String args[])

{

HashMap<Integer, String> names=new HashMap<Integer, String>();

names.put(111, "Sandy");

names.put(112, "Sandeep");

names.put(113, "Sujit");

System.out.println("[");

for(Map.Entry m:names.entrySet())

{

System.out.println(m.getKey()+ " " +m.getValue());

}

System.out.println("]");

}

}

Demo hashset

import java.util.\*;

import java.lang.String;

import java.io.\*;

class DemoHashSet

{

public static void main(String args[])

{

HashSet<> names=new HashSet<String>();

names.add("Sandy");

names.add("Sandeep");

names.add("Akshay");

names.add("Sujit");

names.add("Sarvesh");

Iterator itr=names.iterator();

System.out.println("[");

while(itr.hasNext())

{

System.out.println(itr.next());

}

System.out.println("]");

System.out.println("\n");

}

}

Demo LinkedList

import java.util.\*;

class DemoLinkedList

{

public static void main(String args[])

{

LinkedList<String> names=new LinkedList<String>();

names.add("Sandy");

names.add("Sandeep");

names.add("Akshay");

names.add("Sujit");

names.add("Sarvesh");

names.add("Bora");

names.add("Jerry");

Iterator itr=names.iterator();

System.out.println("[");

while(itr.hasNext())

{

System.out.println(itr.next());

}

System.out.println("]");

System.out.println("\n");

names.clear();

Iterator itr1=names.iterator();

System.out.println("[");

while(itr1.hasNext())

{

System.out.println(itr1.next());

}

System.out.println("]");

System.out.println("\n");

for(String a:names)

{

System.out.println(a);

}

System.out.println(names.hashCode());

}

}

FileOutIn

import java.io.\*;

class FileOutIn

{

public static void main(String args[])

{

try

{

FileOutputStream fout=new FileOutputStream("C:/New Folder/fout1.txt");

String str="Hello World!!!!!";

byte data[];

if(fout!=null)

{

data=str.getBytes();

fout.write(data);

System.out.println("Written successfully");

}

fout.close();

FileInputStream fin=new FileInputStream("C:/New Folder/fout1.txt");

int data1=0;

while((data1=fin.read())!= -1)

{

System.out.print(""+(char)data1);

}

fin.close();

}

catch(IOException e)

{

System.out.println(e);

}

}

}

FileOutInput

import java.io.\*;

class FileOutInput

{

public static void main(String args[])

{

try

{

FileWriter f1=new FileWriter("C:/New Folder/file11.txt");

if(f1!=null)

{

f1.write("Hello World");

f1.close();

System.out.println("Written successfully");

}

FileReader f2=new FileReader("C:/New Folder/file11.txt");

int data1=0;

while((data1=f2.read())!= -1)

{

System.out.print(""+(char)data1);

}

f2.close();

}

catch(IOException e)

{

System.out.println(e);

}

}

}

Hash Set

import java.util.\*;

class HashSet

{

public static void main(String args[])

{

HashSet<String> names=new HashSet<String>();

names.add("Sandy");

names.add("Sandeep");

names.add("Akshay");

names.add("Sujit");

names.add("Sarvesh");

for(String a:names)

{

System.out.println(a);

}

names.remove(3);

for(String a:names)

{

System.out.println(a);

}

}

}

Hash Set 1

import java.util.\*;

import java.lang.String;

class HashSet1

{

public static void main(String args[])

{

HashSet<String> names=new HashSet<String>();

names.add("Sandy");

names.add("Sandeep");

names.add("Akshay");

names.add("Sujit");

names.add("Sarvesh");

for(String a:names)

{

System.out.println(a);

}

names.remove(3);

for(String a:names)

{

System.out.println(a);

}

}

}

ReadFile1

import java.io.\*;

class ReadFile\_1

{

public static void main(String args[])

{

String file= "Names.txt";

try

{

FileReader fr=new FileReader(file);

BufferedReader br=new BufferedReader(fr);

String text;

while((text=br.readLine())!=null)

System.out.println(text);

}

catch(IOException e){

System.out.println(e);

}

}

}

UserDefined Exception

class SandyBookNotFoundException extends RuntimeException

{}

class Record

{

int book;

Record(int b)

{

book=b;

}

void readBook()

{

try

{

if(book>1)

{

System.out.println("Hello");

System.out.println("Hii");

}

}

else

{

throw new SandyBookNotFoundException();

}

}

public static void main(String args[])

{

Record r=new Record(2);

r.readBook();

}

}

StudentArrayList

import java.util.\*;

class StudentArrayList

{

public static void main(String args[])

{

Student1 s1=new Student1(1,"Sandy",20);

Student1 s2=new Student1(2,"Sandeep",23);

Student1 s3=new Student1(3,"Akshay",24);

ArrayList<Student1> stu=new ArrayList<Student1>();

stu.add(s1);

stu.add(s2);

stu.add(s3);

Iterator itr=stu.iterator();

System.out.println("[");

while(itr.hasNext())

{

Student1 st=(Student1)itr.next();

System.out.println(st.rollno + " " +st.name+ " " +st.age);

}

System.out.println("]");

}

}