**Submission for Lab 1**

Q1)

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\* @author Abhishek Karan

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class A{

void method(){

System.out.println("This is class A.");

}

void method(int x){

System.out.println("Overloaded with values of X:"+x);

}

}

public class Ques1 extends A{

public static void main(String[] args){

System.out.println("THis is Class Ques1.");

//A a=new A();

//a.method();

Ques1 q=new Ques1();

q.print();

}//main()

void print(){

method();

method(100);

}

}//class

Q2)

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\* @author Abhishek Karan

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public class Ques2 {

public static void main(String[] args){

try{

int x=1/0;

System.out.println("1/0 ="+x);

}catch(Exception e){

System.out.println(e.getMessage());

}

}//main()

}//class

Q3)

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class RunnableThread implements Runnable {

public void run() {

try {

System.out.println("Runnable Thread:" + Thread.currentThread().getName());

Thread.sleep(1000);

} catch (Exception e) {

System.out.println(e.getMessage());

}

}//run()

}

public class Ques3 {

public static void main(String[] args) {

Thread t1 = new Thread(new RunnableThread());

Thread t2 = new Thread(new RunnableThread());

t1.start();

t2.start();

try {

t2.join();

} catch (Exception e) {

System.out.println(e.getMessage());

}

}//main()

}//class

Q4)

import java.io.\*;

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\* @author Abhishek Karan

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public class Ques4 {

public static void main(String[] args) {

try {

BufferedReader fin = new BufferedReader(new FileReader("D:\\Netbeans\\AJP1\\src\\in.txt"));

BufferedWriter fout = new BufferedWriter(new FileWriter("D:\\Netbeans\\AJP1\\src\\out.txt"));

String str = "";

while ((str = fin.readLine()) != null) {

fout.write(str);

System.out.println(str);

}//while()

System.out.println("Completed!");

fin.close();

fout.close();

} catch (Exception e) {

System.out.println(e.getMessage());

}

}//main()

}//class

Q5)

import javax.swing.JOptionPane;

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public class Employee {

double salary;

String name;

Employee() {

this.name="Abhi";

this.salary=100000;

}//cons()

static void getInfo(Employee obj) {

JOptionPane.showMessageDialog(null, "Name:" + obj.name + "\nSalary:" + obj.salary);

}

static void salChange(double amt,char stat,Employee obj){

if(stat=='I'){

obj.salary+=amt;

}else if(stat=='D'){

obj.salary-=amt;

}

}

public static void main(String[] args) {

Employee emp = new Employee();

getInfo(emp);

salChange(49921, 'I', emp);

getInfo(emp);

salChange(505921, 'D', emp);

getInfo(emp);

}//main()

}//class

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