# JAVA WEEK 5 SOLUTIONS

**5sol.**

class B implements GCD {

int n1,n2;

//Create a method to calculate GCD

public int findGCD(int n1, int n2){

if(n1==0&& n2==0) {

return -1;

}

else if(n2 == 0){

return n1;

}

else {

return findGCD(n2, n1%n2);

}

}

}

**4sol.**

//Create a class A which implements the interface Number.

class A implements Number {

//Define a method to find the square of a number

int i, square;

public int findSqr(int i) {

square=i\*i;

return square;

}

}

**3sol.(clear the data which is lready existing and paste it)**

try {

switch (i) {

case 0 :

int zero = 0;

j = 92/ zero;

break;

case 1 :

int b[ ] = null;

j = b[0] ;

break;

default:

System.out.print("No exception");

}

}

// catch block

catch (Exception e) {

System.out.print(e) ;

}

**2nd sol.**

try{

for(int i=0;i<length;i++){

int userInput=sc.nextInt();

name[i] = userInput;

sum=sum+name[i];

}

System.out.print(sum);

}

catch(InputMismatchException e) {

System.out.print("You entered bad data.");

}

**1st sol.**

a=input.nextInt();

b=input.nextInt();

int res;

try{

res=a/b;

System.out.print(res);

}

catch(Exception e){

System.out.print("Exception caught: Division by zero.");

}