////////////////////Multilevel inheritance////single level too

class Calculator

{

public int add(int i,int j)

{ int a;

a=i+j;

System.out.println(a);

return (a);

}

}

class Cal extends Calculator{

public int sub(int i,int j)

{int b;

b=i-j;

System.out.println(b);

return (i-j);

}

}

class Calc extends Cal

{

public int mul(int i,int j)

{ int c;

c=i\*j;

System.out.println(c);

return (c);

}

} class Calcu extends Calc

{

public int div(int i,int j)

{ int d;

d=i/j;

System.out.println(d);

return (d);

}

}

public class Demo{

public static void main(String[] args)

{

System.out.println("calculator program");

// Calculator c=new Calculator();

// c.add(5,4);

// Cal c1=new Cal();

// c1.sub(10,2);

// Calc cc=new Calc();

// cc.mul(10,2);

Calcu c2=new Calcu();

c2.add(5, 4);

c2.sub(10, 2);

c2.mul(10,2);

c2.div(10,2);

}

}

////////////////////////////single level inheritance program

public class Parent {

public void output(){

System.out.println("parent class");

}

}

class Child extends Parent

{ public void out(){

System.out.println("child class");

}

}

class Test{

public static void main(String[] args)

{

// Parent p=new Parent();

// p.output();

// Child c=new Child();

// c.out();

// Parent p=new Child();

// p.output();

Child c =new Child();

c.out();

c.output();

}

}

////////////////////calculator program without inheritance

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\* @author user

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Online Java Compiler.

Code, Compile, Run and Debug java program online.

Write your code in this editor and press "Run" button to execute it.

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System.out.println(c);

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public class Demo{

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c2.div(10,2);

}

}