Arithmetic

Add.java

**package** com.java.pgms;

**public** **class** Add {

**private** **int** x,y;

**public** Add(**int** a,**int** b)

{

x=a;

y=b;

}

**public** **int** add()

{

**return** x+y;

}

}

Sub.java

**package** com.java.pgms;

**public** **class** Sub {

**private** **int** x,y;

**public** Sub(**int** a,**int** b)

{

x=a;

y=b;

}

**public** **int** sub()

{

**return** x-y;

}

}

Mult.java

**package** com.java.pgms;

**public** **class** Mult {

**private** **int** x,y;

**public** Mult(**int** a,**int** b)

{

x=a;

y=b;

}

**public** **int** mult()

{

**return** x\*y;

}

}

div.java

**package** com.java.pgms;

**public** **class** Div {

**private** **int** x,y;

**public** Div(**int** a,**int** b)

{

x=a;

y=b;

}

**public** **int** div()

{

**return** x/y;

}

}

Main.java

**package** com.java.pgms;

**import** java.util.Scanner;

**public** **class** Main15 {

**public** **static** **void** main(String[] args)

{

System.*out*.println("enter two numbers:");

Scanner sc=**new** Scanner(System.*in*);

**int** a=sc.nextInt();

**int** b=sc.nextInt();

Add ad=**new** Add(a,b);

System.*out*.println("Addition" +ad.add());

Sub s=**new** Sub(a,b);

System.*out*.println("subtraction "+s.sub());

Mult m=**new** Mult(a,b);

System.*out*.println("product" +m.mult());

Div d=**new** Div(a,b);

System.*out*.println("quotient" +d.div());

}

}