

```
public class rational {
public static void main(String[] args) {
// get the input from command line arguments with try catch block to
handle strings words as input
try{
int num1 = Integer.parseInt(args[0]);
int den1 = Integer.parseInt(args[1]);
String operator = args[2];
int num2 = Integer.parseInt(args[3]);
int den2 = Integer.parseInt(args[4]);
operations op = new operations(num1, num2, den1, den2);
switch(operator){
case "&+&":
System.out.println(op.add());
break;
case "&-&":
System.out.println(op.subtract());
break;
case "&x&":
System.out.println(op.multiply());
break;
case "&/&":
System.out.println(op.divide());
break;
case "&compare&":
}
System.out.println(op.compare(
)); break;
case "&abs&":
System.out.println(op.absolute());
break;
case "&convert&":
System.out.println(op.convert());
break;
default:
System.out.println("&Invalid operation&");
}
}
catch(Exception e){
System.out.println("&Invalid input&");
System.exit(0);
}
}
}
```