## **IPO CHART**

| Program name:                   | [Energy (CH3,E4)]  |  |
|---------------------------------|--|--|
| INPUT                           | PROCESS  | OUTPUT   |
| Hint: What will the user input? | Hint: What is the program going to do with the input information?  | Hint: What will the screen display after user input?   |
| Any number/5                    | Final double c = 3.0e3;  Final double bulbPower = 100.0;  Double mass = input.nextDouble();  Double energy = mass * Math.pow(c, 2);  Double numBulbs = energy / bulbPower; | If the energy produced is: 4.500e+17 joules  That could power 4.5E15 100W lightbulbs for 1 second! |