

PACE-Monmouth Computer Science

Objective:

1. Identify all **Inputs** and **Outputs** for the problem presented below
2. Identify any **constants** that might be required
3. Identify any **key formulas** required
4. Identify any “**placeholders**” needed to store temporary computations
5. Write a set of **pseudo-code** statements that will solve the problem

Problem Statement: You are to create a program that will countdown to blast-off of a rocket ship. Ask the user for the number to countdown from, display your countdown to one and then display “**Blastoff!!! ...**”. Note: make sure the user gives you a positive, non-zero number!!!

Note1: this project will test your knowledge of program control using **Looping**.

Note2: after you get your program working, insert the following code snippet which will cause your program to “sleep” (i.e. pause) for 1000 milliseconds. Copy the code exactly as shown.

```
try {  
    Thread.currentThread().sleep(1000);  
}  
catch (InterruptedException e) {  
    e.printStackTrace();  
}
```