**Program/Software Development Life Cycle**

**Write a program that computes the batting average for a baseball player, when the user inputs the player name, number of hits, and at-bats for that player, then displays the player name and batting average.**

**Analysis:  
Create a program to calculate the batting average of a baseball, and display the player name and batting average.**

**Design:  
IPO Chart**

|  |  |  |
| --- | --- | --- |
| **Input** | **Process** | **Output** |
| **PlayerName**  **Hits**  **AtBats** | **Accept values for input**  **Compute batting average**  **Display batting average** | **PlayerName**  **BatAvg** |

**OR**

**PSEUDO CODE  
DECLARE ……….   
INPUT ……………  
SET ………………..  
WRITE ……………**

**OR  
FLOWCHART**

PROCESSING

INPUT

OUTPUT

**Coding:  
See Raptor Program**

**Testing:  
Player name: Kyle Schwarber  
Hits: 1,234  
At-bats: 5,678  
Batting average: 0.127**