

- Start
- Input JerseyNumber
- if = 0 → stop
- Input playerWalks
- Input playerHits
- Input sacrificeFlies
- Input basesEarned
- Input atBatsNumber
- Calculate sluggingPercentage

$$= \frac{\text{basesEarned}}{\text{atBatsNumber}}$$
- Calculate onbasePercentage

$$= \frac{(\text{playerHits} + \text{playerWalks}) + \text{atBatsNumber} + \text{playerWalks} + \text{sacrificeFlies}}{\text{atBatsNumber}}$$
- Output all data
 - playerWalks
 - playerHits
 - sacrificeFlies
 - basesEarned
 - atBatsNumber
 - jerseyNumber
 - sluggingAverage
 - onbasePercentage
- display "end of job"
- stop

