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TW1: Bullet assignment, Flowchart, Pseudocode  
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**Design the program:**

Analyze:

* We know:
* Speed of bullet
* The Earth gravity index
* Velocity squared
* Input:
* Angles in degree
* Calculate:
* Change angles parameter from degree measure to radians measure
* Then figure out range(R) since we have all parameters in appropriate measures
* Output:
* The range in feet.

**Pseudocode:**

1. List what we know:
2. Speed of bullet : 800 ft./*s*
3. Earth gravity index : 32.2 ft./
4. Velocity squared :
5. Input:

Initialize:

V = 800

g = 32.2

input: 45ᶱ

radians = degrees × π / 180° (calculate by math module)

R =

Output:

R

1. Angles in degree
2. Calculate what we want to know:
3. Angles in radians
4. Range
5. The range in feet.