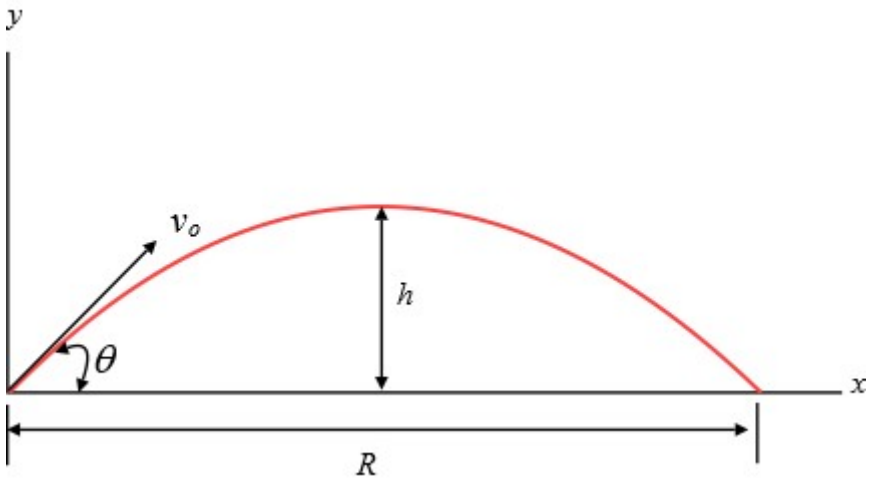
-> Problem Name: Projectile

-> Time Limit: 1s

-> Problem Statements:

There will be t test cases. In each test case there will be 2 double data type numbers ***v*** and ***a***, ***v*** for initial velocity and ***a*** for angle in degree. You have to calculate the projectile range **R**. Where ***R = ((v*v)*sin(2*rad)) / g*** , here g = 9.8 ms^-2 and rad is calculated by this formula ***rad = a*(PI/180), PI = 3.1415.***



-> Inputs Range:

1 <= t <= 101
1.0 <= v
0 <= a <= 360

-> Examples:

Sample Inputs:		***Sample Outputs:***
2		197.55
44	45	958.86
100.0	35.0	

-> Attack Statements:

There should be a windows .exe file in the current directory by the name nab_attack_w32.exe for 32 bit system and nab_attack_64.exe for 64 bit system. Run which on suits you. You will be prompted with a terminal program, here you'll be asked for who you want to attack. If you want to attack all, type '*' (a star sign, some says asterik) to select all, or you can attack specific friends by giving their IDs in this format: ID1, ID2, ...

After entering who you want to attack. Now you can give test case just like in the Example Input. Remember you can attack a specific one with at most 2 test cases, one from * and other by specifying ID.

(For linux type users: there is a linux runnable nab_attack_linux to.)

-> **Help Words:**

* Use double data type for all of the variables.

* In output use %.2lf int printf to show R and %.2lf is used for showing 2 places of fractional values.

* Use a function that just simply take v and a and calculate R internally. Make sure your function’s return type is double data type.

* And ROCK ME ! :D