***Van Helsing***

***Vampire Hunter!***

You are Vanessa Van Helsing, your job is to kill the Dracula. You have two choices: to ***Attack*** or ***Defence***, then Dracula attacks you! While your choice is not equal to ***Teleport***, you have to choose your action. ***Every third*** round Dracula takes ***your first Attack***, then one more ***attack with double damage***!

>Calculations:

* When you ***Attack***, Dracula takes your damage!
* When you ***Defence***, you are taking ***50% from Dracula’s damage***!
* After that you will ***take*** Dracula’s ***damage***!
* Every third round Dracula takes bonus ***double damage***!
* In case that your ***health is <=0*** you have to ***break*** the loop and ***print***:

"You was defeated against Dracula. Dracula’s remaining health: ***{}***!" ***and inside Dracula’s remaining health!***

* In case that Dracula’s ***health is <=0*** you have to ***break*** the loop and ***print***:

"Congo! You defeated the dark one! You have ***{}*** health remaining!" ***and inside your remaining health!***

* In case of ***Teleport*** just ***print each in new line***:

"You decided to leave the battle with your teleportation skill!"

Dracula's remaining health: ***{}***" ***and inside Dracula’s remaining health!***

Vanessa Van Helsing's remaining health: ***{}***" ***and inside your remaining health!***

***!!***Make sure that - ***if health is under 0*** output will be ***0***!

***INPUT:***

* ***Your Health [double];***
* ***Your Attack [double];***
* ***Dracula’s Health [double];***
* ***Dracula’s Attack [double];***

***Examples!***

Example 1:

* 50
* 30
* 50
* 10
* Attack
* Attack
* Congo! You defeated the dark one! You have 30 health remaining!

Example 2:

* 90
* 45
* 68
* 120
* Defence
* You were defeated against Dracula. Dracula's remaining health: 68!

Example 3:

* 100
* 50
* 150
* 40
* Attack
* Defence
* You were defeated against Dracula. Dracula's remaining health: 100!

Example 4:

* 135
* 45
* 150
* 23.3
* Attack
* Teleport
* You decided to leave the battle with your teleportation skill!
* Dracula's remaining health: 105
* Vanessa Van Helsing's remaining health: 111.7