Cost Saving

Rashed is a Programmer . He is a regular fasting . One day he thinks , he will go resturent for iftar . He can not decide, that's where he'll go? He's very economical .He wants to reach resturent before or exact iftar time.

Today, iftar time 6.56 minute and he start walk at 6.45 minute . He goes 5 meter per minute . Now write a program to find the minimum cost of iftar.

Input :

First line given n where n is the how many number of resturant in the town . next n line given two input . First number indicates distance between home and resturant , second number is iftar cost of that resturant . All input must be 1 to 100. Program should be terminated by EOF.

Output :

Just print single line ,minimum cost of the iftar . After Each line print a new line . if does not possible just print "Bad luck" without Quotation .

Sample Input	Sample Output
5 55 15 40 30 55 20 50 25 55 25	15

Problem Setter:

Mamun Or Rashid