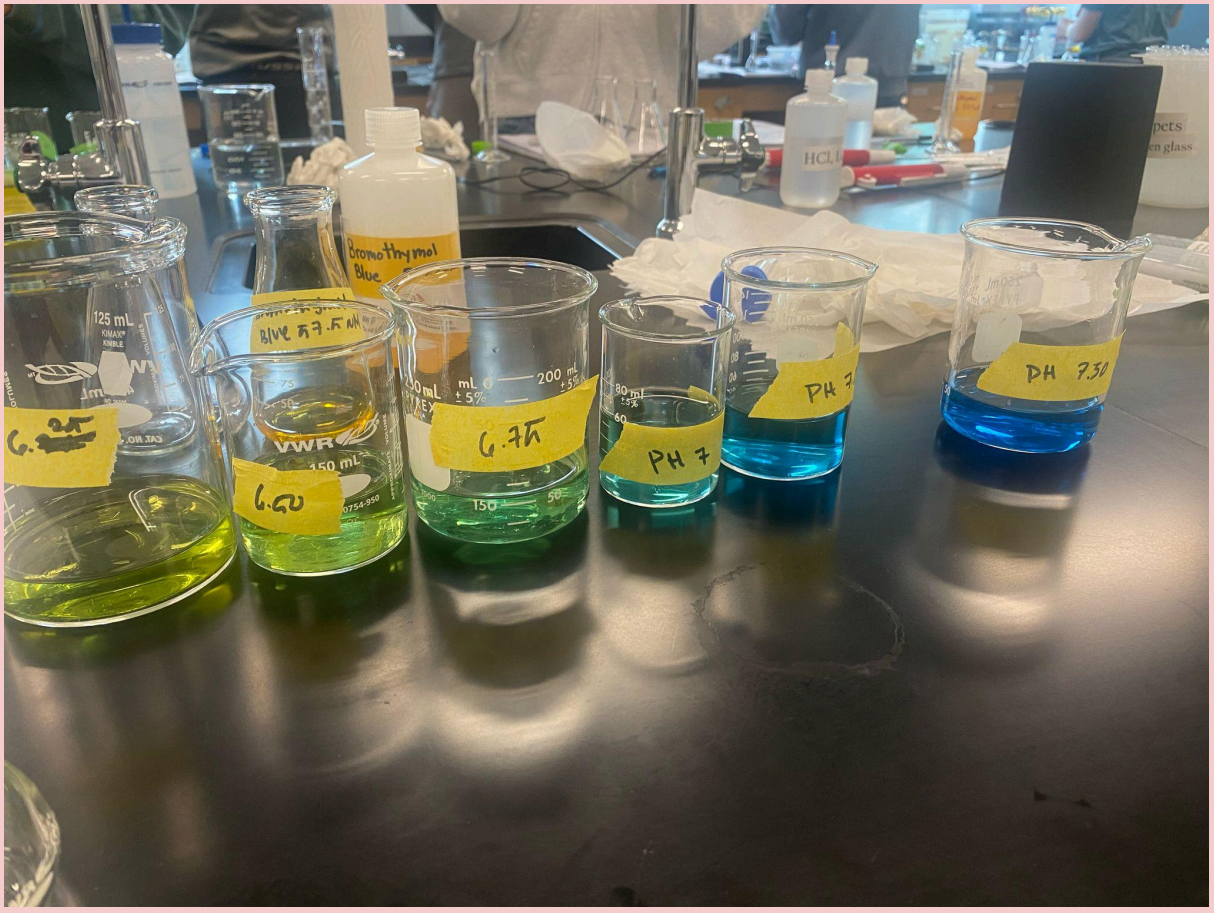
the perfect pair

Author: Rengga
Time Limit: 1s
Memory: 256 MB



Ren dan Adel akan mengerjakan tugas Biologi mereka mengenai sifat-sifat enzim. Diketahui bahwa enzim dan substrat memiliki ciri-ciri saling melengkapi, dimana bentuk enzim akan menyesuaikan diri dengan bentuk substrat. Teori ini dinamakan dengan "induced fit theory", namun Adel menyebut sifat ini dengan nama "perfect pair". Ren dan Adel harus segera menyelesaikan tugas mereka supaya bisa main Roblox. Bantu mereka menyelesaikan tugas mereka dengan mencari substrat-substrat yang cocok dengan enzim yang diberikan, dimana enzim dan substrat dinyatakan dalam bentuk biner. Pasangan enzim dan substrat akan dikatakan "perfect pair" ketika **tidak ada bit bernilai 1 yang bertabrakan**.

Format Masukan

Satu baris berisi bilangan E yang menyatakan enzim dan bilangan S yang menyatakan substrat.

Format Keluaran
Jika pasangan merupakan **perfect pair** maka keluarkan “hop on roblox!”
Jika pasangan **bukan perfect pair** maka keluarkan “we’ll try again tomorrow :(“

Batasan
$1 \leq E, S \leq 2^{64}$

Contoh Masukan 1

13 2

Contoh Keluaran 1

hop on roblox!

Penjelasan

13 = 1101
2 = 0010

_____
13 dan 2 adalah “perfect pair”

Contoh Masukan 2

9 50

Contoh Keluaran 2

hop on roblox!

Penjelasan

9 = 001001
50 = 110010

_____
9 dan 50 adalah “perfect pair”

Contoh Masukan 3

13 1

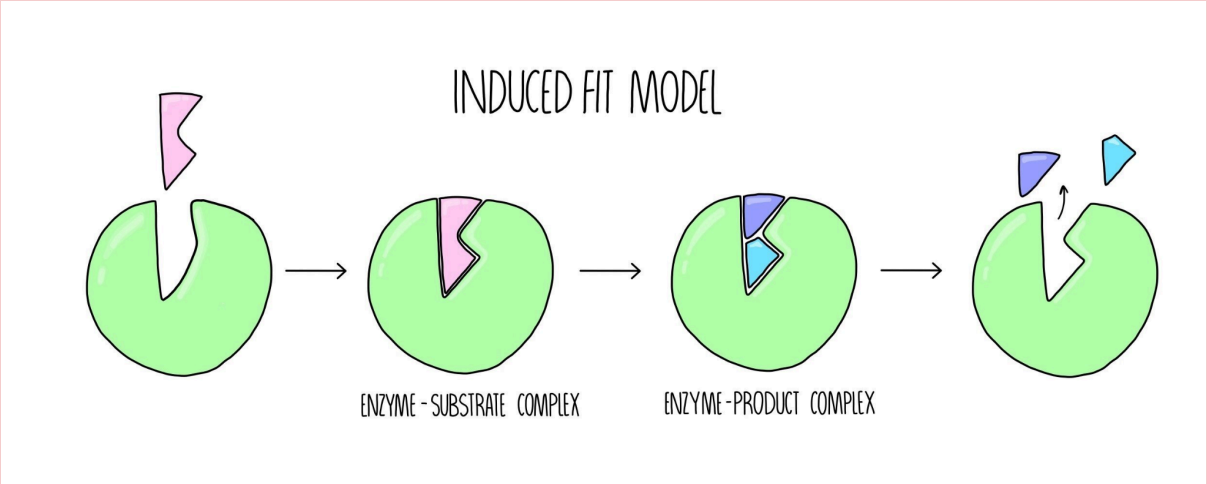
Contoh Keluaran 3

we’ll try again tomorrow :(

Penjelasan

13 = 1101
1 = 0001

_____
13 dan 1 bukan “perfect pair” karena bit pertama bertabrakan.



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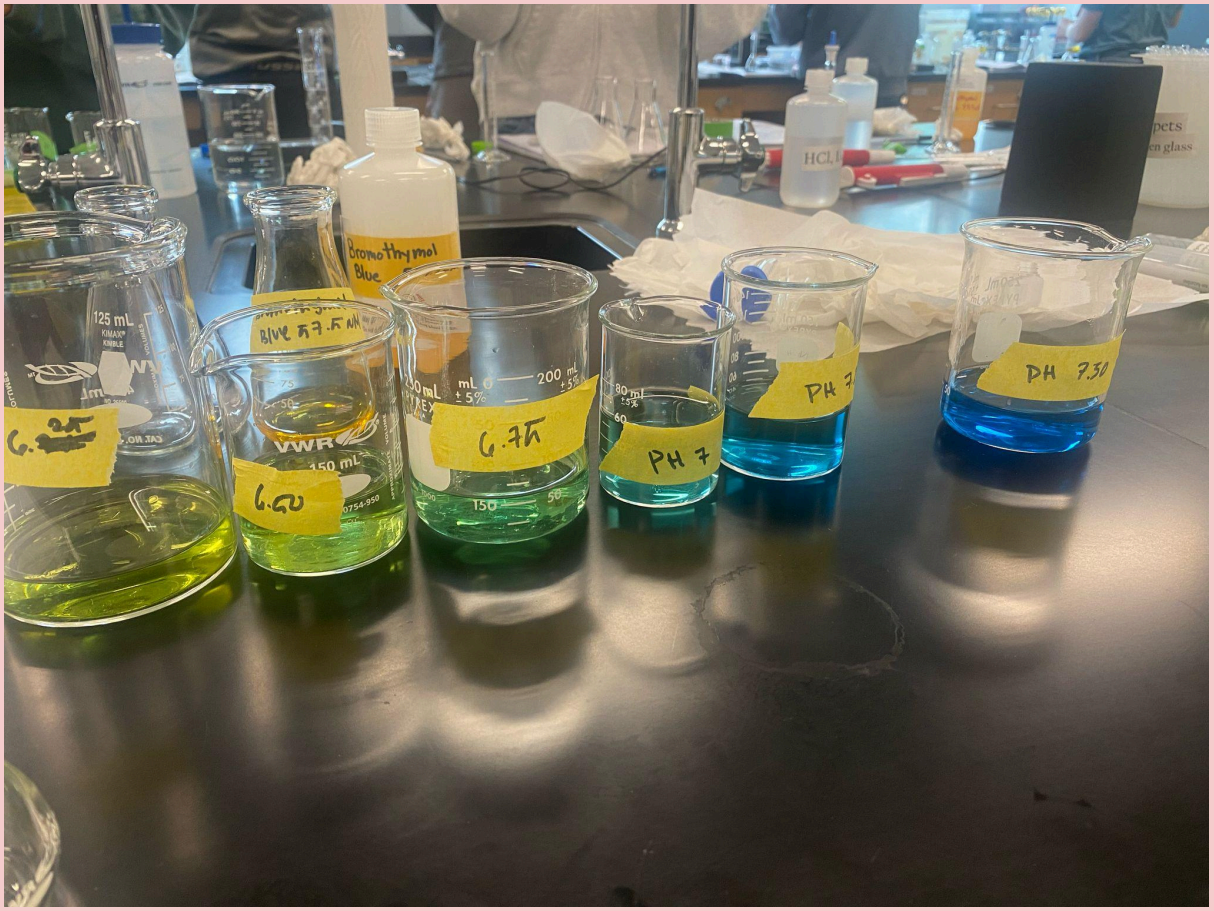


Ren and Adel are working on their Biology assignment about the properties of enzymes. It is known that enzymes and substrates have complementary characteristics, where the shape of the enzyme adjusts to the shape of the substrate. This theory is called the “induced fit theory,” but Adel refers to this property as the “perfect pair.” Ren and Adel need to finish their assignment quickly so they can play Roblox. Help them complete their task by finding the substrates that match the given enzymes, where enzymes and substrates are represented in binary form. An enzyme–substrate pair is considered a “perfect pair” when **no bits with a value of 1 overlap**.

Input Format

A line containing an integer E that represents an enzyme and an integer S that represents a substrate.

Output Format
If both are a **perfect pair,** output "**hop on roblox!**"
If both are **not a perfect pair,** output "**we'll try again tomorrow :(**"

Constraints
$1 \leq E, S \leq 2^{64}$

Input 1

13 2

Output 1

hop on roblox!

Explanation

13 = 1101
2 = 0010

_____
13 and 2 are a "perfect pair"

Input 2

9 50

Output 2

hop on roblox!

Explanation

9 = 001001
50 = 110010

_____
9 and 50 are a "perfect pair"

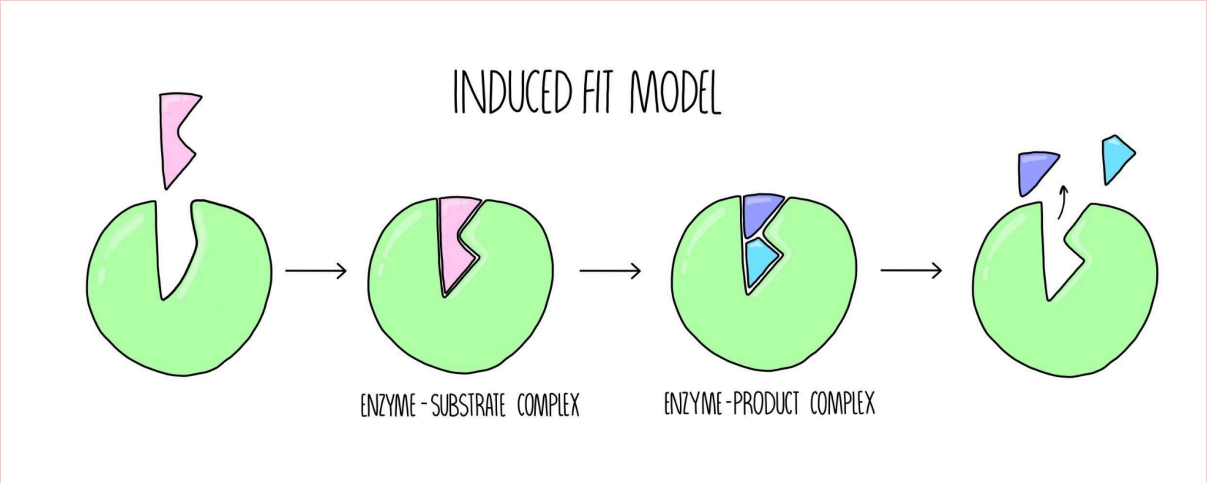
Input 3

13 1

Output 3

we'll try again tomorrow :(

Explanation

13 = 1101
1 = 0001

_____
13 and 1 are not a "perfect pair" due to both of their first bits being 1.