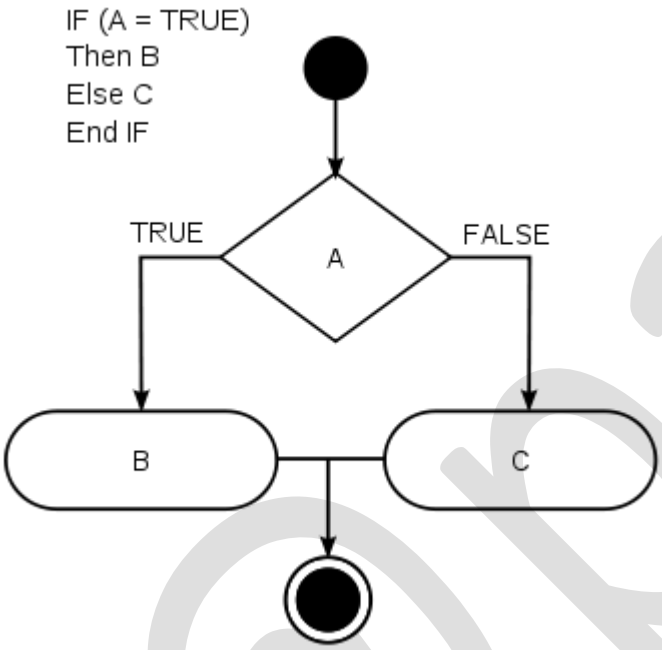
Practice Programming Questions

1. In this challenge, we test your knowledge of using if-else conditional statements to automate decision-making processes. An if-else statement has the following logical flow:

if-else flow chart



Task

Given an integer, , perform the following conditional actions:

If is odd, print Weird

If is even and in the inclusive range of to , print Not Weird

If is even and in the inclusive range of to , print Weird

If is even and greater than , print Not Weird

Complete the stub code provided in your editor to print whether or not is weird.

Input Format

A single line containing a positive integer, .

Constraints

Output Format

Print Weird if the number is weird; otherwise, print Not Weird.

Sample Input 0

3

Sample Output 0

Weird

Sample Input 1

24

Sample Output 1

Not Weird

Explanation

Sample Case 0:

is odd and odd numbers are weird, so we print Weird.

Sample Case 1:

and is even, so it isn't weird. Thus, we print Not Weird.

2. Write a program to get list of prime numbers in the given input range:

sampleInput 1:
line_1: 5

output :
[2, 3, 5]

3. Write a program to find the given input is prime or not:

sampleInput 1:
line_1: 121

output:
NotPrime

sampleInput 2:

line_1: 97

output:

Prime

4. Write a java program to get the required Pattern according to the size of input given.

Sample Input 1:
line_1: 5

output:

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*****
****
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5. Problem Description:

You are given an array of N length. You have to rotate the array rightwards by K rotations, that is, shift each element to the right by K positions. Print the rotated array.

Input:

First line contains N and K.

Second line contains N integers denoting the array.

Output:

Print the array after the rotation.

Constraints:

1 <= N, K <= 100000

1 <= Arr[i] <= 10^9

Sample Input:

5 2

1 2 3 4 5

Sample Output:

4 5 1 2 3