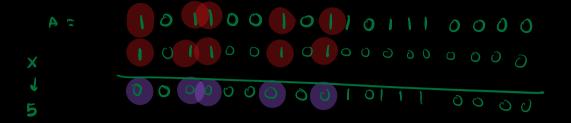
- 1. Sort the purmutation
- 2. Bus dilemma
- Smallest xor XOR PHME
- - Jaxinum positivity.

Q. Smallest xor

Gaven A&B. Find X





1. Take the serbit from test side.

If SHII some bit one 14t

=> take the unset bits from the right side.



A = 0 0 0 0 1 0 0
$$\times$$
 = 63 \times for (i=30; i=0; i--) \times If (imbit is set in A 44 970) \times Set imbit in your answer for (i=0; i<31; i+t)

If (ith bit is unso in A ff 970)

Set jim bit in your answer

Telum ans

Q. Maximum positivity

Gruch Arr. Romm maximum size subcomay

containing all non-negotive numbers.

Curred

for (i=0; i<n; i+t)

(2)

It (avr ci) ≥ 0) curret

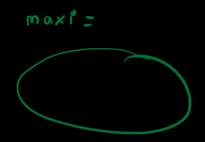
cu c curred

If (curr == ars)

Conding point = i

Starbing point = i-ans+1

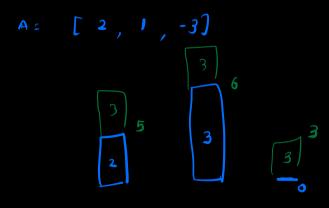
return subarray

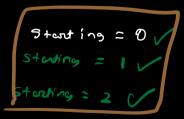


Q Bus dilemma

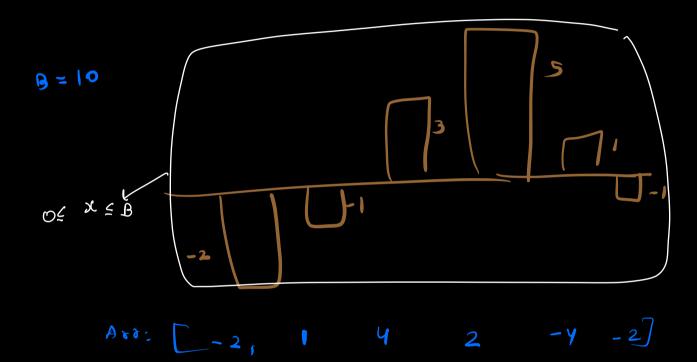


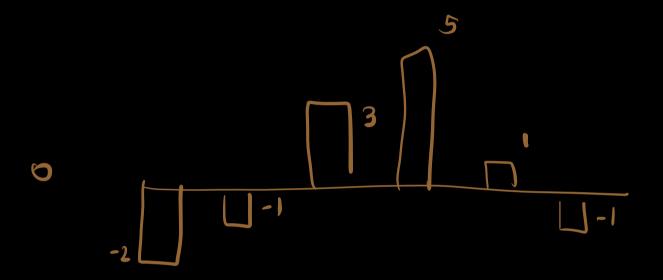








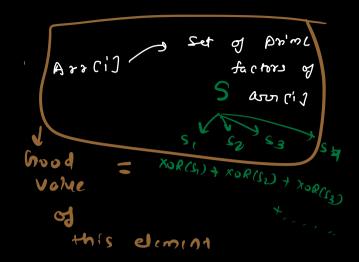




max positive
$$+ x \le B$$

$$x \le B - \max positive$$

Q Given Array.



(nood value of
$$= 14+14=28$$

(2,5)

(2,5)

(3,5)

(3,5)

(3,5)

(3,5)

(3,5)

(3,5)

(3,5)

(3,5)

(3,5)

(3,5)

(3,5)

(3,5)

(3,5)

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(3,5)

(3,5)

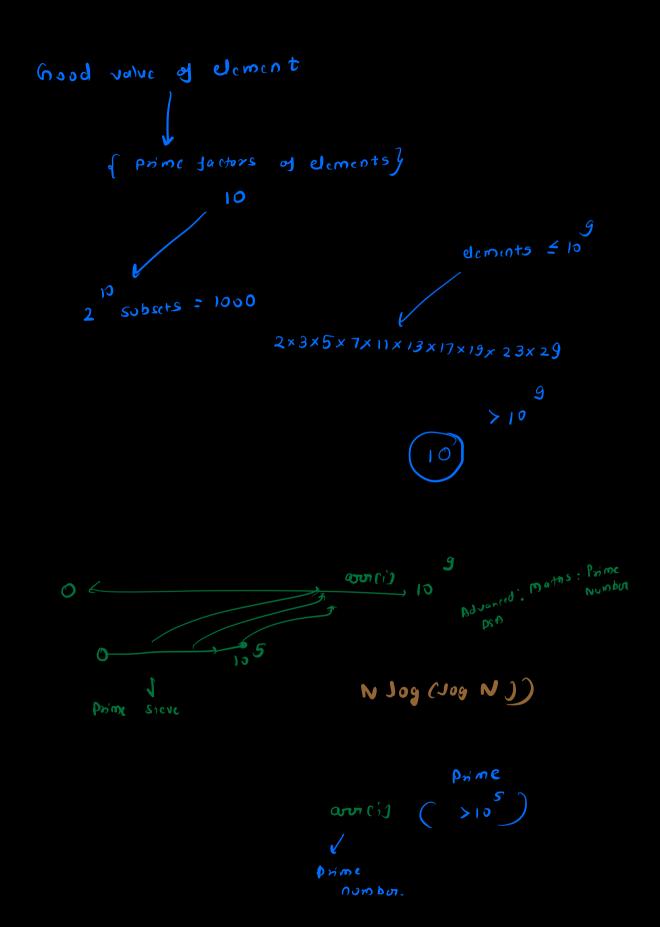
(3,5)

(3,5)

(3,5)

(3,5)

(3,5)



Prime from 1 to 185)

$$A \times 10^{5}$$

$$P_{1} \times P_{2} \rightarrow 10^{0}$$

$$P_{1} \times P_{2} \rightarrow 10^{0}$$

$$P_{1} \times P_{2} \rightarrow 10^{0}$$

$$P_{2} \times P_{3} \rightarrow 10^{0}$$

$$P_{3} \times P_{2} \rightarrow 10^{0}$$

$$P_{3} \times P_{2} \rightarrow 10^{0}$$

$$P_{4} \times P_{2} \rightarrow 10^{0}$$

$$P_{3} \times P_{2} \rightarrow 10^{0}$$

$$P_{4} \times P_{2} \rightarrow 10^{0}$$

$$P_{5} \times P_{2} \rightarrow 10^{0}$$

$$P_{6} \times P_{2} \rightarrow 10^{0}$$

$$P_{7} \times P_{2} \rightarrow 10^{0}$$

greator (JN)

O. Permytation is given. You can swap Game color only.

Find max no of color needed,

$$A = [1, 4, 2, 3]$$
 $[1, 2, 4]$
 $[1, 2, 3, 4]$

$$A = \begin{bmatrix} 1, 5, 2, 4, 3 \end{bmatrix}$$

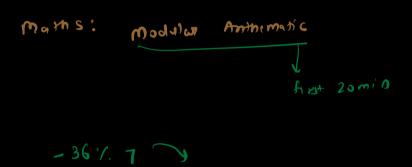
$$\begin{bmatrix} 1, 2, 5, 4, 3 \end{bmatrix}$$

$$\begin{bmatrix} 1, 2, 3, 4, 5 \end{bmatrix}$$

$$Ar = \begin{bmatrix} 2 & 3 & 4 & 5 & 6 & 7 & 9 & 9 & 10 \\ 6 & 5 & 4 & 3 & 9 & 7 & 8 & 10 & 2 \end{bmatrix}$$

ansiy

ans: no of cycles.





A can't have 2 prime Jactors in zangc 10 to 10 9 210

100 more than I prime factor >10 2 × 2×5×5

アルイングメ ー