Graphical user interface, text, application, email

Description automatically generated

Text, letter

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Logic:

A picture containing text, blackboard, night sky

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See here the above array is given and k=5 mean 5 time we must turn it negation. See here if we turn individually one time every element into negative that -1 -2-3-4-5 like this. this is wrong. See here we can turn 1 into 5-time negation alone. this will turn 1 to -1 as 5 is odd. Hence max sum is 14.k if was even then 1 would remain 1.

A picture containing text, blackboard

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Consider here k=2 is given and hence we can see that only -2 and -3 would be changed to 2 and 3 and then the sum max is 14.see here we need to sort the array first.

Code:

