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CSO Assignment - 1

Question 1 :- when the second argument is 0 . I outputted

-1 -1 .

Question 2:- $\gcd(a,b) = \gcd(|a|,|b|)$ when one of a , b is 0 then gcd is absolute value of the other

Question 3 :- When the value entered is less than 1 then -1 is the output . when the value entered is 1 then output is false . when value outputted is greater than 1 then correspondingly true or false is outputted based on prime or not

Question 4 :- when the value is less than or equal to 1 then it will output -1 because 1 is not a prime so for that also i output -1 . for remaining i did as usual

Question 5 :- when the value is negative i.e overflow . because of this there wil be extra bit . so removing that will remove the overflow . so multiply the number by -1 when we get overflow . this is checked when the number is negative .