```java
class Solution
{
    public int gas(int[] gas,int [] cost)
    {
        int deficit=0;
        int balance=0;
        int start=0;

        for(int i=0;i<gas.length;i++)
        {
            balance+=gas[i]-cost[i];
            if(balance<0)
            {
                deficit+=balance;
                start=i+1;;
                balance=0;
            }
        }
        if(deficit+balance>=0)
        {
            return start;

        }
        else
        return -1;
    }

}
```