

```
# cook your dish here
for _ in range(int(input())):
    n=int(input())
    s=input()
    if s.count('1') == 0:
        print(0)
    else:
        for i in range(n-1):
            if (s[i] == '1' and s[i] == s[i+1]):
                print(2)
                break
        else:
            print(1)
```