

Q)

Pseudo Code:

- 1) First initialize t
- 2) And applying a loop on t,
- 3) Initialize a count and string
- 4) Perform a check if length of string is equal to 1 and inside of if string[0] == "cookie" then print NO else yes,
- 5) Else if string[n-1] == "cookie", print NO
- 6) Else applying loop and k iterate from 0 to n-1 and check if string[k] == "cookie" and if string[k+1] == "milk" then increment the count,
- 7) Else if string[k+1] == "milk" then also increment the count,
- 8) Finally check if count == n-1 then print Yes else NO

Implementation:

```
#include<iostream>
using namespace std;
int main()
{
    int t;
    cin>>t;
    for(int i=0;i<t;i++)
    {
        int n,count=0;
        cin>>n;
        string xoxo[n];
        for(int k=0;k<n;k++)
        {
            cin>>xoxo[k];
        }
    }
```

```
if(n==1)
```

```

{
    if(xoxo[0]=="cookie")
        cout<<"NO"<<endl;

    else
        cout<<"YES"<<endl;
}
else if(xoxo[n-1]=="cookie")
{
    cout<<"NO"<<endl;
}
else
{
    for(int k=0;k<n-1;k++)
    {
        if(xoxo[k]=="cookie")
        {
            if(xoxo[k+1]=="milk")
            {
                count++;
            }
        }
        else if(xoxo[k]=="milk")
        {
            count++;
        }
    }
    if(count==n-1)
        cout<<"YES"<<endl;
    else
        cout<<"NO"<<endl;
}
}
return 0;
}

```