

```
Begin
input S;
If (S contains 'p' 'q' and '-') {
    n = n+1;
}
If( there is "-" between "q" and "p"){
    n = n + 1;
}
If( S starts and ends with "-"){
    n = n+1;
}
If(n == 3) {
    Print "String is part of the system";
}
else{
    Print "String is not part of the system";
}
End
```