

Soluzioni 16-09-2009

ES1

```
bool verifica(int v[],int i, int n)
{
    if (n-1<=i) return true;
    if (v[i]!=v[n-1]) return false;
    return verifica(v,i+1,n-1);
}
```

ES2

```
bool trova(char s[], char c)
{
    int i, size=strlen(s);
    for (i=0;i<size && c!=s[i];i++);
    if (i==size) return false;
    return true;
}
```

```
void elimina(elem*& l,char s[])
{
    elem* p = 0; elem* q=l;
    while (q != 0)
    { if (!trova(s,q->c))
        {
            p = q;
            q = q->pun;
        }
        else
        {
            if (q==l)
            {
                l=q->pun;
                delete q;
                q=l;
            }
            else
            {
                p->pun=q->pun;
                delete q;
                q = p->pun;
            }
        }
    }
}
```

ES3

```
bool uguali(int* mat, int n, int q)
{
    for (int i=0; i<n*q-1; i++)
        for (int j=i+1; j<n*q; j++)
            if (mat[i] == mat[j]) return true;
    return false;
}
```

ES4

$$(345)_8 = (E5)_{16}$$
$$(-48)_{10} = (11010000)_{\text{compl2}}$$

ES5

A::x=4
B::x=7
C::x=2
C::f() x=2
C::f() x=2
A::x=4
B::x=7
C::x=5
C::f() x=5
A::f() x=8
via C
via B
via A

ES6

Input -1
ecc. char da main
fine main

Input 0
ecc. int da g
fine g
10
fine f
7
fine main

Input 1
2
fine g
10
fine f
7
fine main