

Soluzioni 1-07-2009

ES1

```
void stampa(int n, int bianchi) {
    if (n < 1) return;
    for (int i=0; i < bianchi; i++)
        cout << ' ';
    for (int j=0; j < n; j++)
        cout << '*';
    cout << endl;
    stampa(n-2, bianchi+1);
}
```

ES2

```
void eliminaDispari(elem*& l) {
    if (l==NULL) return;
    elem* q=l;
    l=l->pun;
    delete q;
    elem* r;
    q = l;
    while (q != NULL) {
        r= q->pun;
        if (r==NULL) return;
        q->pun = r->pun;
        delete r;
        q = q->pun;
    }
    return;
}
```

ES3

```
bool controlla(char* mat, int n, int m, int k, char var){
    if (k > n || k > m) return false;
    char* inizioRiga;
    for (int i=0; i < k; i++){
        inizioRiga = mat + (i * m);
        for (int j =0; j < k; j++)
            if (*(inizioRiga +j) > var) return false;
    }
    return true;
}
```

ES4

$(97B)_{16} = (1001\ 0111\ 1011)_2 = (21\ 13\ 23)_4$
 $(10110101)_{\text{compl}2} = (-75)_{10}$

ES5

D
A::x=0
D
B::x=1
D
C::x=8
D
A::x=0
via A
Via D
via C
Via D
Via D

ES6

1	6
1	b
2	b
1	9
2	10