

INFORMATICA Meccanici + Edili

14-01-2015

Questionari

versione 1

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
B	C	A	A	C	D	B	C	A	A	D	C	D	A	D	B	C	D	B	A

versione 2

D A D B A B C A C A C C B D D C B D A A

versione 3

D D C A C C B C A C A B A A B D A D B D

versione 4

B A D C A C D C D C B A C B A B D D A A

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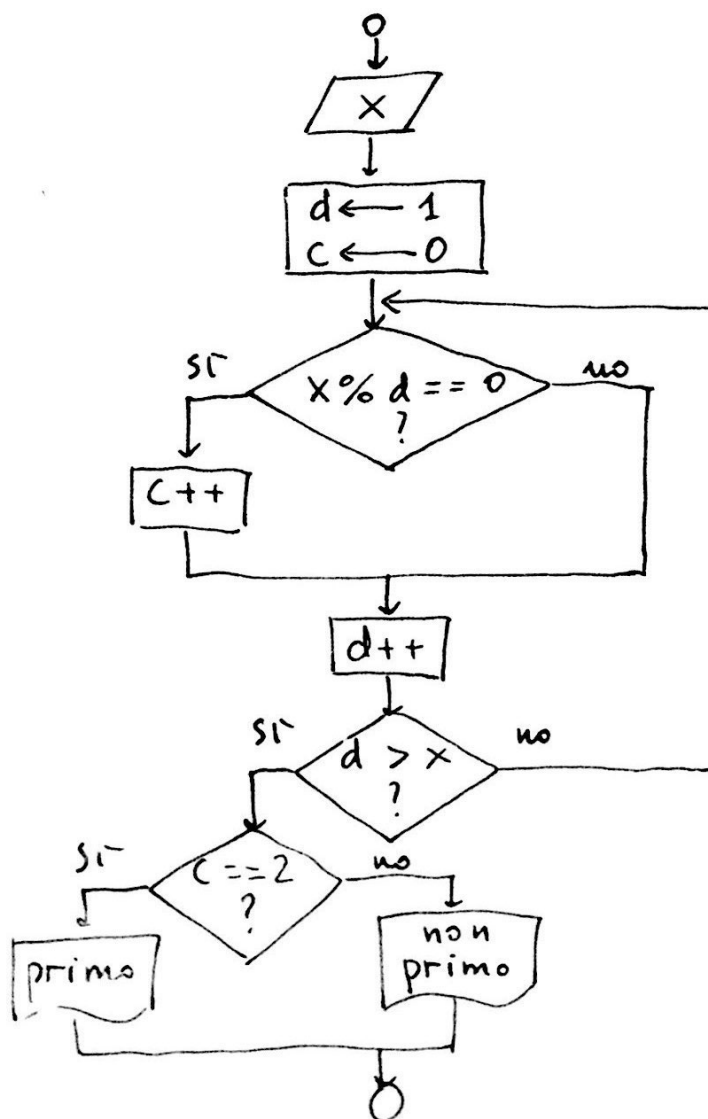
Esercizi - Versione 1

1)

```

bool snake (int n , string v[]) {
    for (int i=0 ; i < n-1 ; i++)
        if (v[i].substr(v[i].length()-1,1) !=
            v[i+1].substr(0,1))
            return false;
    if (v[0].substr(0,1) == v[n-1].substr(v[n-1].length()-1,1))
        return true;
    else
        return false;
}
    
```

2)



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Esercizi - Versione 2

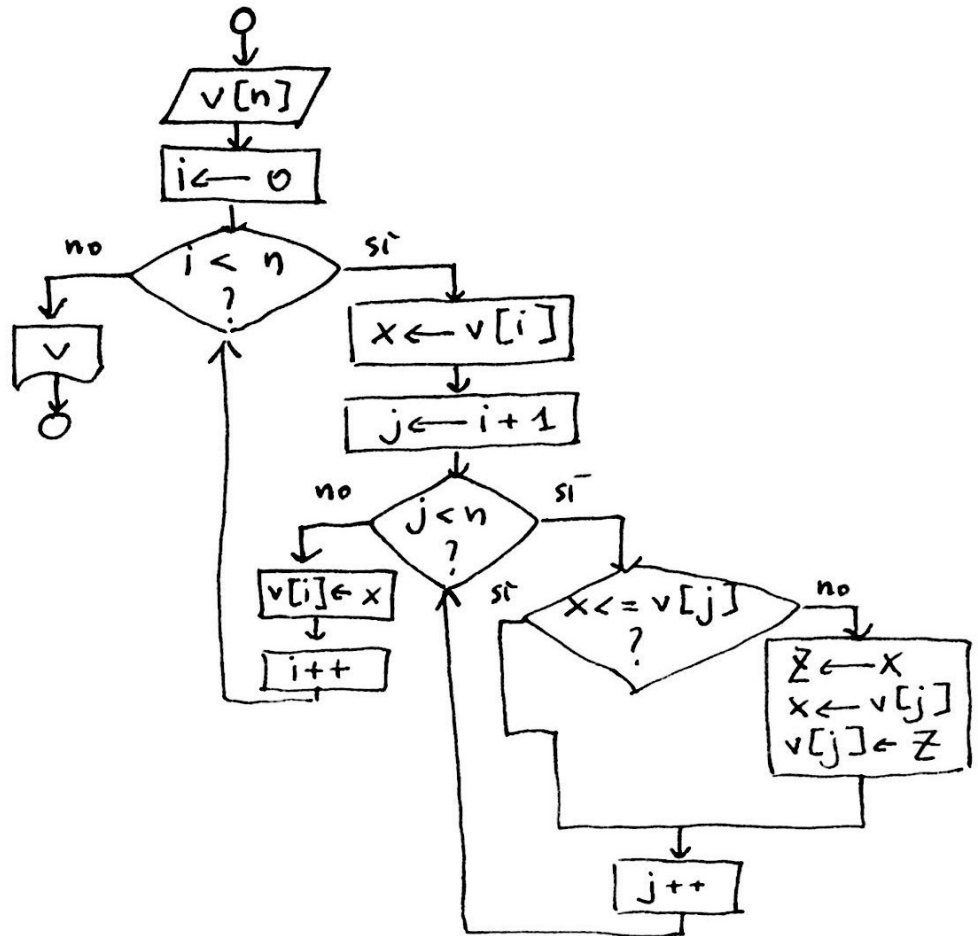
1) cfr. appunti del corso

```

2) void drawr (int n) {
    if (n < 4)
        cout << "disegno impossibile \n";
    else {
        int i, j;
        for (i=0; i<n; i++)
            cout << "%";
        cout << "\n";
        for (i=1; i<=n-3; i++) {
            for (j=0; j<n; j++)
                if (j==1)
                    cout << " ";
                else
                    cout << "%";
            cout << "\n";
        }
        for (i=0; i<n; i++)
            if (i==0 || i==n-1)
                cout << "%";
            else
                cout << " ";
        cout << "\n";
        for (i=0; i<n; i++)
            cout << "%";
        cout << "\n";
    }
}

```

1)



2)

```

string noa (string s) {
    string ris;
    for (int i=0; i < s.length(); i++)
        if (s.substr(i, 1) != "a" &&
            s.substr(i, 1) != "A")
            ris = ris + s.substr(i, 1);
    return ris;
}
  
```

```

1) int overlap (string s, string t) {
    int x = 0;
    int n = 0;
    int max;
    if (s.length() < t.length())
        max = s.length();
    else
        max = t.length();
    for (x = 1; x <= max; x++)
        if (s.substr(s.length() - x, x) ==
            t.substr(0, x))
            n = x;
    return n;
}
    
```

2)

