

```
#include <stdio.h>
#include <stdio.h>
#include <string.h>

typedef struct node
{
    char key[20];
    int volte;
    struct node *psnNext;
} NODE, *PNODE;

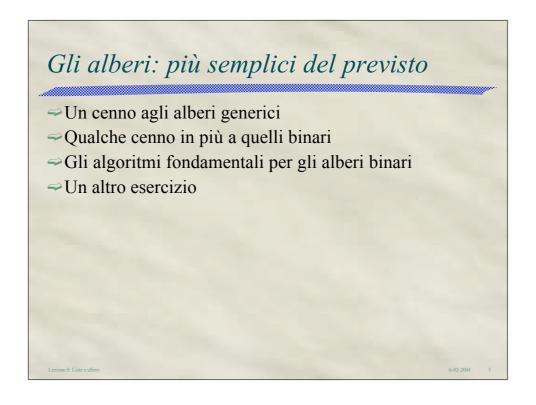
PNODE creanodo();
void visualizza();

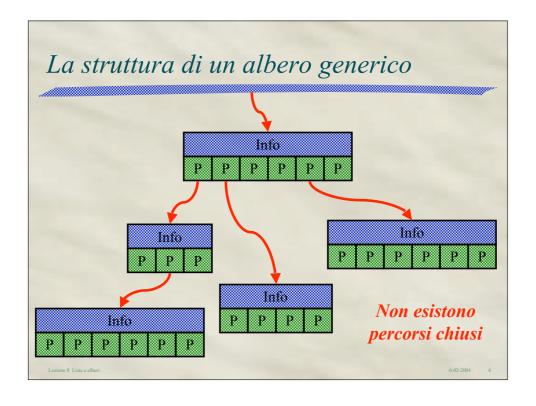
PNODE psnStart, psnEnd; //Globali per semplicità

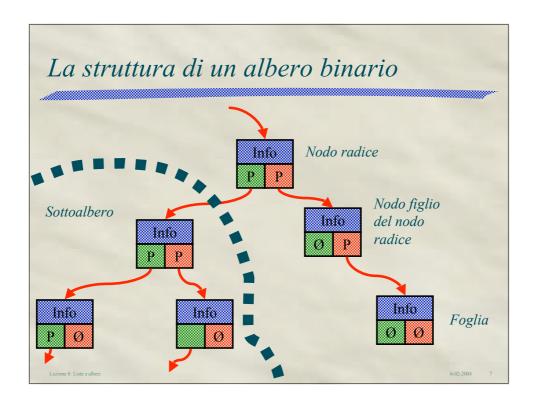
int main()
{
    FILE* f;
    int i,j;
    char parola[20];
    FNODE psnTemp, psnNewNode;

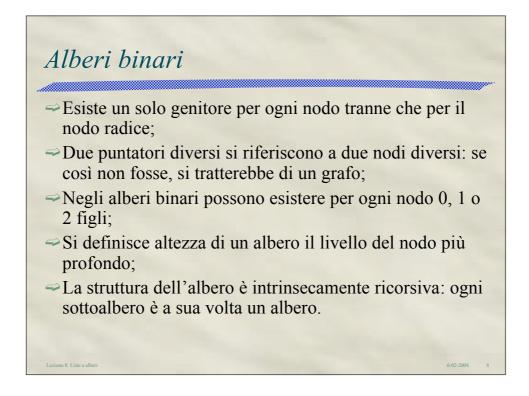
    psnStart = psnEnd = creanodo();
    f=fopen("COMMEDIA.TXT","r");
    if (f==NULL)
{
        printf ("Errore di apertura del file");
        exit (1);
    }

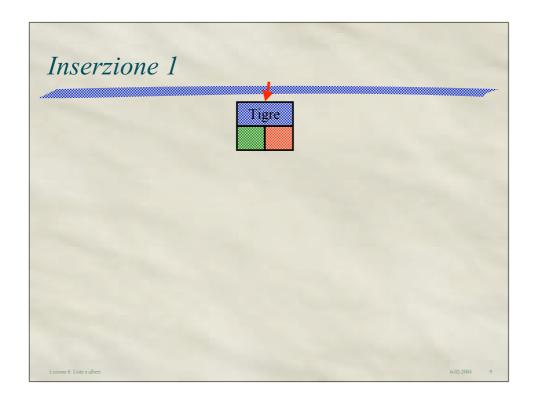
Lexions % Linke alberi
```

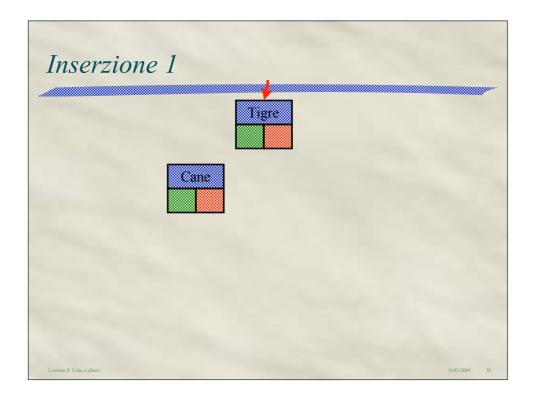


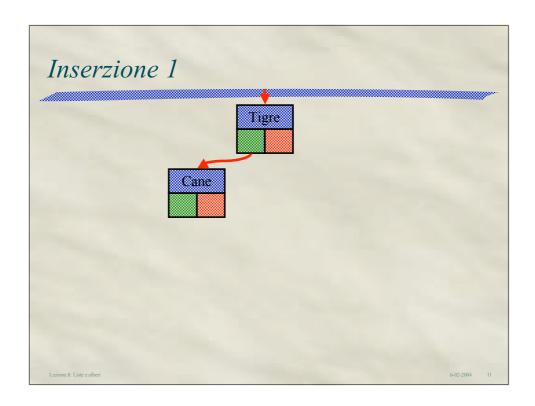


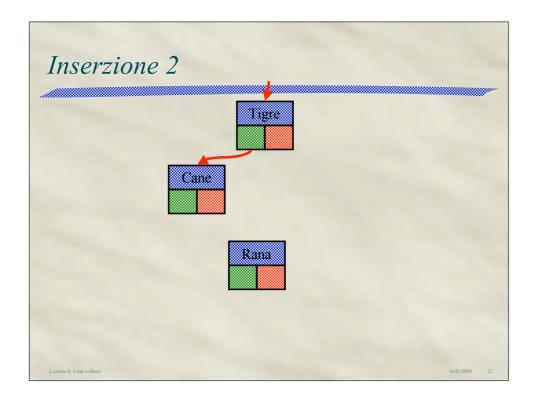


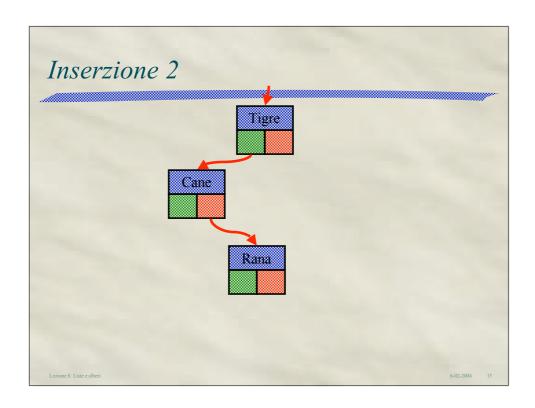


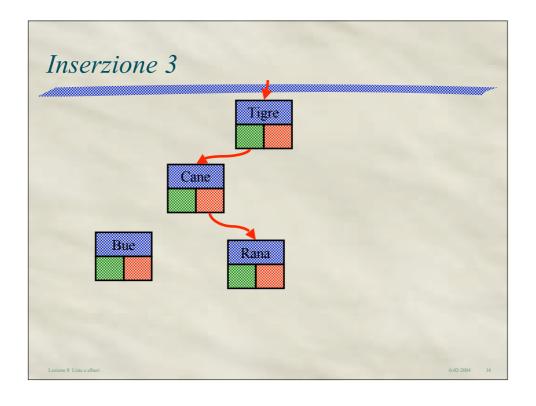


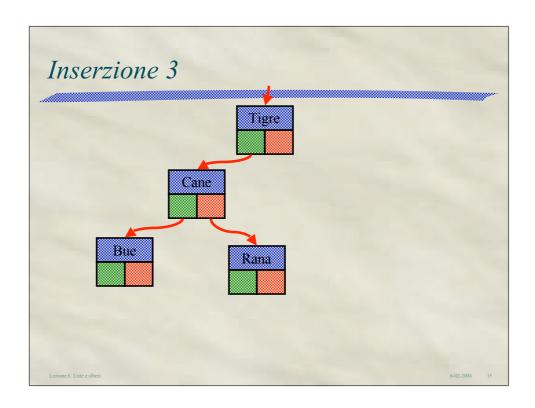


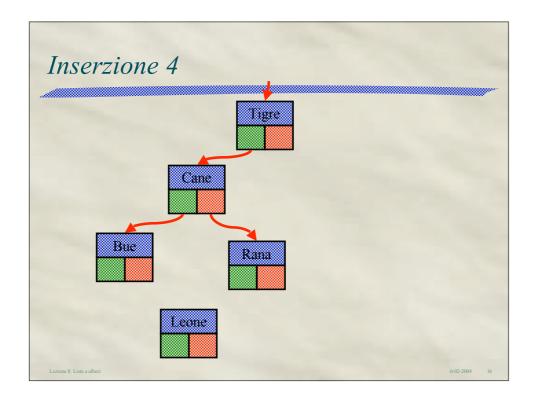


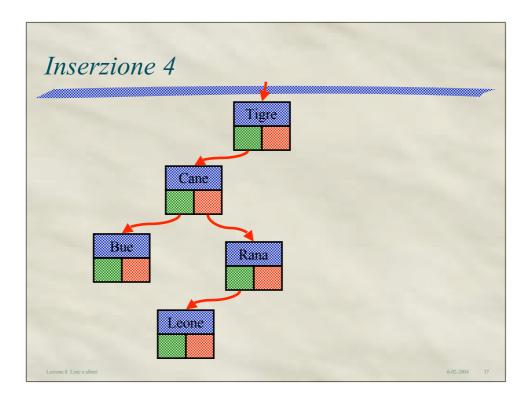


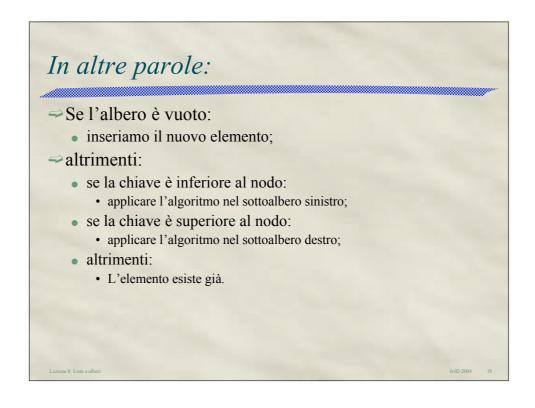






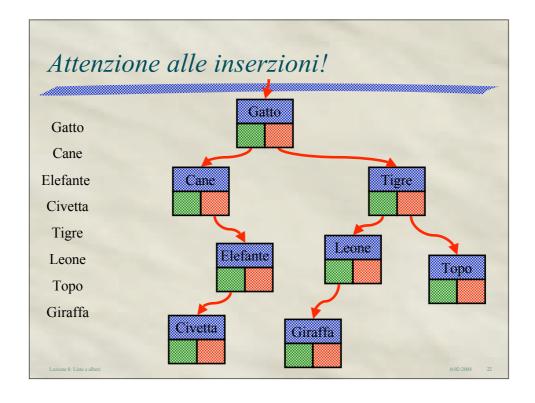


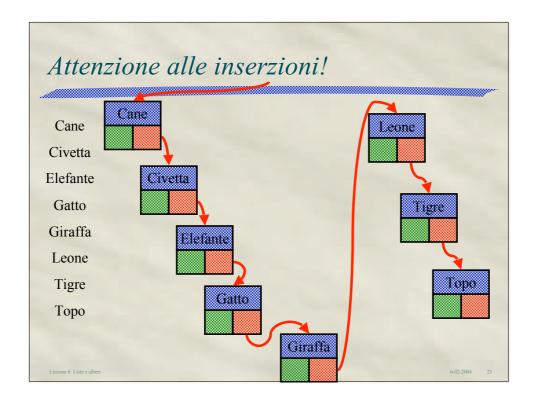


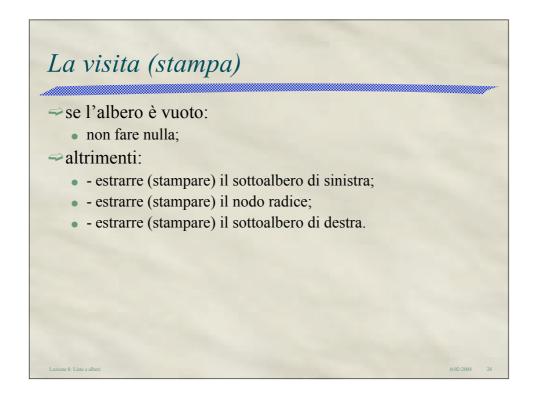


```
creiamo un nuovo nodo (2):

else
{
    if (chiave < psn->Info)
        psn->psnLeft = addnode (psn->psnLeft);
        // Scendiamo verso sinistra
    else if (chiave > psn->Info)
        psn->psnRight = addnode (psn->psnRight);
        // Scendiamo verso destra
    else
        fai qualcosa di sensato // Trovato!
}
return psn;
}
```

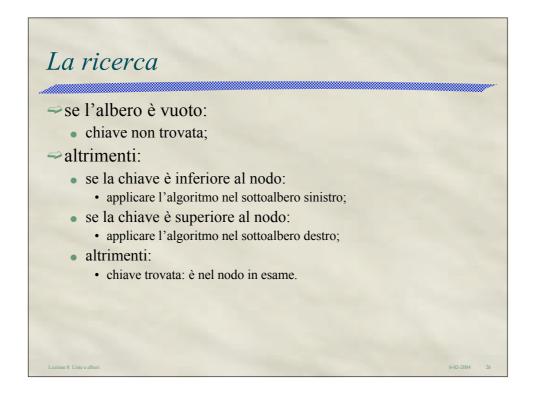






```
Cioè:

void printtree(PTRNODOALB psn)
{
  if (psn != NULL)
  {
    printtree(psn->psnLeft);
    printf("%xxx\n", psn->info,);
    printtree(psn->psnRight);
  }
}
```



```
Ricerca in pratica:

PTRNODOALB search(PTRNODOALB psn)
{
  if (psn == NULL) return NULL;
  if (keyToSearch < psn->iX)
    return(search(psn->psnLeft));
  else if (keyToSearch > psn->iX)
    return(search(psn->psnRight));
  else
    return (psn);
}
```

