

```
typedef struct SGLink
```

```
{ Group g;
```

```
struct SGLink * seg;
```

```
} *GLink, NodeGLink;
```

```
Aluno constAluno (char * num, char * nome);
```

```
Aluno ALink constALink (Aluno a, ALink al);
```

```
Group constGroup (char * id, ALink al, int n);
```

```
GLink constGLink (Group g, GLink gl);
```

```
void ShowAluno (Aluno a);
```

```
void ShowALink (ALink al);
```

```
void ShowGroup (Group g);
```

```
void ShowGLink (GLink gl);
```

```
##endif
```

```
/* tps.c */
```

```
##include "tps.h"
```

```
Group constGroup (char * id, ALink al, int n)
```

```
{ Group out;
```

```
out.id = strdup strdup(id);
```

```
out.aluno = al;
```

```
out.noto = n;
```

```
return out;
```

```
;
```

```
GLink constGLink (Group g, GLink gl)
```

```
{
```

```
GLink out;
```

```
out = (GLink) malloc (sizeof (NodeGLink));
```

```
out->g = g;
```

```
out->seg = gl;
```

```
return out;
```

```
;
```