Exercício 1

```
| State | Stat
```

Exercício 2

```
Ex1.c Ex2.c
                                                                       © C:\Users\P08012631\Desktop\ × + \
 88
89
90
91
               exibem(d->vet[i]);
                                                                     Dicionario com valores incluidos:
0: [(25,Ivo)]
1: []
2: [(17,Ana)]
3: [(48,Eva),(83,Leo)]
4: [(59,Bia)]
Dicionario com valores removido:
                                                                     0: []
1: []
2: []
3: [(83,Leo)]
4: [(59,Bia)]
 99
103
104
105 }
106
                                                                     Process exited after 0.8075 seconds with return value 0 Pressione qualquer tecla para continuar. . .
116
           remd(48, D);
remd(25, D);
remd(17, D);
printf("\n\nlicionario com valores removido:\n"
public int cdecl printf (const char * restrict
117
119
120
121
```

Exercício 3

```
Ex1.c Ex2.c Ex3.c
          89
          90 void exibed(Dic d) {
91 for (int i = 0;
                                                                                                                                                                                                                                                                                                                              ©:\ C:\Users\P08012631\Desktop\ X + \ \
                                                            for (int i = 0; i < d->tam; i++) {
    printf("%d: ", i);
    exibem(d->vet[i]);
                                                                                                                                                                                                                                                                                                                         0: [(cow,vaca)]
1: [(bat,morcego),(dog,cachorro),(pig,porco)]
2: [(cat,gato)]
          92
93
  93 | exibem(d->vet[i]
}
95 |
96
97 | void destroim(Map *M) {
98 | while (*M) {
99 | Map temp = *M;
100 | *M = (*M) - prox;
free(temp) |
101 | *M = (*M) - prox;
free(temp) |
102 | *M = (*M) - prox;
free(temp) |
103 | *M = (*M) - prox;
free(temp) |
104 | *M = (*M) - prox;
free(temp) |
105 | *M = (*M) - prox;
free(temp) |
106 | *M = (*M) - prox;
free(temp) |
107 | *M = (*M) - prox;
free(temp) |
108 | *M = (*M) - prox;
free(temp) |
109 | *M = (*M) - prox;
free(temp) |
100 | *M = (*M) - prox;
free(temp) |
101 | *M = (*M) - prox;
free(temp) |
101 | *M = (*M) - prox;
free(temp) |
102 | *M = (*M) - prox;
free(temp) |
103 | *M = (*M) - prox;
free(temp) |
104 | *M = (*M) - prox;
free(temp) |
105 | *M = (*M) - prox;
free(temp) |
107 | *M = (*M) - prox;
free(temp) |
108 | *M = (*M) - prox;
free(temp) |
109 | *M = (*M) - prox;
free(temp) |
100 | *M = (*M) - prox;
free(temp) |
100 | *M = (*M) - prox;
free(temp) |
100 | *M = (*M) - prox;
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free(temp) |
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free(temp) |
100 | *M = (*M) - prox;
free(temp) |
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free(temp) |
100 | *M = (*M) - prox;
free(temp) |
100 | *M = (*M) - prox;
free(temp) |
100 | *M = (*M) - prox;
free(temp) |
100 | *M = (*M) - prox;
free(temp) |
100 | *M = (*M) - prox;
free(temp) |
100 | *M = (*M) - prox;
free(temp) |
100 | *M = (*M) - prox;
free(temp) |
100 | *M = (*M) - prox;
free(temp) |
100 | *M = (*M) - prox;
free(temp) |
100 | *M = (*M) - prox;
                                                                                                                                                                                                                                                                                                                        Process exited after 1.657 seconds with return value 0 Pressione qualquer tecla para continuar. . .
                                                          while (*M) {
    Map temp = *M;
    *M = (*M)->prox;
     100
101
102
103
                                                                             free(temp);
     104
    free((*d)->vet);
free(*d);
*d = NULL;
     108
109
     110
    111 }
    111 - 7
112
113 = int main(void) {
                                                           main(void) {
  Dic D = dic(3);
  insd("bat", "morcego", D);
  insd("pig", "porco", D);
  insd("cat", "gato", D);
  insd("cow", "cachorro", D);
  insd("cow", "vaca", D);
  exibed(D);
  destroid($P).
     114
     115
116
     117
    118
119
     120
    121
122
                                                              destroid(&D);
return 0;
     123
```

Exercício 4

```
Ex2.c Ex3.c Ex4.c
 © C:\Users\P08012631\Desktop\ × + ~
                                                                                                            0: [(cow,vaca)]
1: [(bat,morcego),(dog,cachorro),(pig,porco)]
2: [(cat,gato)]
101
102
103
103
                          free(temp);
104 | void destroid(Dic *d) {
105 | for (int i = 0; i < (*d)->tam; i++)
107 | destroim(&(*d)->vet[i]);
                                                                                                             Dicionario com valores removido:
                                                                                                                 []
[(dog,cachorro),(pig,porco)]
[]
                   free((*d)->vet);
free(*d);
*d = NULL;
 108
 109
110
111
                                                                                                            Process exited after 1.513 seconds with return value 0
Pressione qualquer tecla para continuar. . . |
        L }
 112
112 | int main(void) {
114 | Dic D = dic(3);
115 | insd("bat", "porco", D);
116 | insd("pig", "porco", D);
117 | insd("cat", "gato", D);
118 | insd("dog", "cachorro", D);
119 | insd("cow", "vaca", D);
120 | exibed(D);
 121
                  remd("cat", D);
remd("bat", D);
remd("cow", D);
remd("cow", D);
# 1/4 * void remd (Chave c, Dic d) es removido:\n");
exibed(D);
122
123
124
 125
126
127
128
 129
                   destroid(&D):
 130
                   return 0;
```