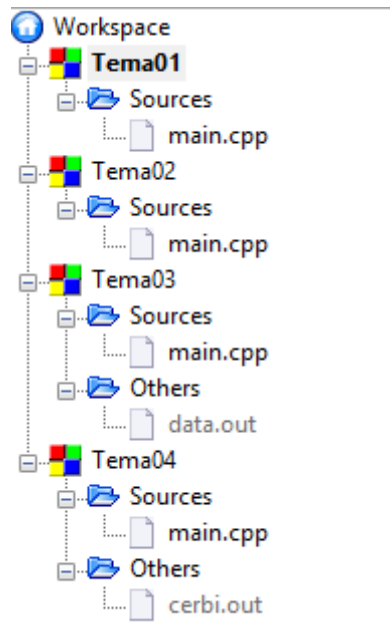




Tema 01

```

1  #include <iostream>
2
3  using namespace std;
4
5  int main()
6  {
7      cout<<"Fluturas dragalas"<<endl<<endl;
8      cout<<"xx                xx"<<endl;
9      cout<<"x x      #          x x"<<endl;
10     cout<<"x  xx    #          xx  x"<<endl;
11     cout<<"x x  x    #    #    x  x x"<<endl;
12     cout<<"x    @ x    xx    x @    x"<<endl;
13     cout<<" x      x  xx    x      x  "<<endl;
14     cout<<"  x xx x  xx    x xx x  "<<endl;
15     cout<<"   x    x  xx    x    x  "<<endl;
16     cout<<"    x  xxxxxxxx    x  "<<endl;
17     cout<<"   x xx xxxxxxxx xx x  "<<endl;
18     cout<<"    x    x  xx    x    x  "<<endl;
19     cout<<"   x    x  xx    x    x  "<<endl;
20     cout<<"  xxx  x  xx    x  xxx  "<<endl;
21     cout<<"    xxxx  xx    xxxx  "<<endl;
22     cout<<"      xx          xx  "<<endl;
23     return 0;
24 }
25
    
```

Fluturas dragalas

```

XX          XX
X X      #      #      X X
X XX    #      #      XX X
X X X  #      #      X X X
X  @ X  XX    X @    X
  X    X XX    X    X
  X XX X XX    X XX X
  X    X XX    X    X
  X  XXXXXXXX    X
X XX XXXXXXXX XX X
X    X XX    X    X
X    X XX    X    X
XXX X XX    X XXX
XXXX  XX    XXXX
  XX      XX

```

Process returned 0 (0x0) execution time : 0.023 s
Press any key to continue.

Tema 02

```

1      #include <iostream>
2
3      using namespace std;
4
5      int main()
6      {
7          cout<<"Cerbul Pufos"<<endl<<endl;
8          cout<<"    o o" <<endl
9          <<" o o" <<endl
10         <<"  ooo o" <<endl
11         <<"    o oo" <<endl
12         <<"  oooo" <<endl
13         <<" @ oo" <<endl
14         <<" xxxxx" <<endl
15         <<" xxxx" <<endl
16         <<"  xx  xxxxxxxx" <<endl
17         <<"  xxxxxxxxxxxxxxxx" <<endl
18         <<"  xxxxxxxxxxxxxxxx" <<endl
19         <<"  xxxxxxxxxxxxxxxx x" <<endl
20         <<"  xxxxxxxxxxxxxxxx" <<endl
21         <<"  xxxxxxxxxxxxxxxx" <<endl
22         <<"  xxxxxxxxxxxxxxxx" <<endl
23         <<"  xxx      xx x" <<endl
24         <<"  x x      x x" <<endl
25         <<"  x x      x x" <<endl
26         <<"  x x      x x" <<endl
27         <<"  x x      x x" <<endl
28         <<"  x x      x x" <<endl
29         <<"  x x      x x" <<endl
30         return 0;
31     }
32

```

```

  o  o
o    o
oooo  o
   o oo
  oooo
 @    oo
XXXXXX
XXXXX
XX   XXXXXXXX
XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX X
XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX
   XXX      XX X
  X X      X X
 X X      X X
 X X      X X
 X X      X X
X  X      X X
X  X      X X
Process returned 0 (0x0)   execution time : 0.025 s
Press any key to continue.

```

Tema 03

```

1  #include <iostream>
2  #include<fstream>
3
4  using namespace std;
5
6  int main()
7  {
8      ofstream fo("data.out");
9      fo<<"   Fluturas dragalas"<<endl<<endl;
10     fo<<"xx                xx"<<endl;
11     fo<<"x x      #      #      x x"<<endl;
12     fo<<"x  xx    #      #      xx  x"<<endl;
13     fo<<"x x  x    #      #      x  x x"<<endl;
14     fo<<"x   @ x    xx    x @    x"<<endl;
15     fo<<" x      x  xx  x      x"<<endl;
16     fo<<"  x xx x  xx  x xx x"<<endl;
17     fo<<"   x    x  xx  x    x"<<endl;
18     fo<<"    x  xxxxxxxx  x"<<endl;
19     fo<<"  x xx xxxxxxxx xx x"<<endl;
20     fo<<"   x    x  xx  x    x"<<endl;
21     fo<<"   x    x  xx  x    x"<<endl;
22     fo<<"  xxx  x  xx  x  xxx"<<endl;
23     fo<<"   xxxx    xx    xxxx"<<endl;
24     fo<<"      xx          xx"<<endl;
25     fo.close();
26     return 0;
27 }
28

```

```

data.out x
1      Fluturas dragalas
2
3      xx                xx
4      x x      #      #      x x
5      x  xx    #      #      xx x
6      x x x    #      #      x x x
7      x  @ x    xx    x @    x
8      x      x  xx    x      x
9      x xx x    xx    x xx x
10     x      x  xx    x      x
11     x  xxxxxxxx x
12     x xx xxxxxxxx xx x
13     x      x  xx    x      x
14     x      x  xx    x      x
15     xxx x    xx    x  xxx
16     xxxx    xx    xxxx
17     xx                xx

```

Tema 04

```

1      #include <iostream>
2      #include<fstream>
3
4      using namespace std;
5
6      int main()
7      {
8          ofstream f("data.out");
9          f<<"Cerbul Pufos"<<endl<<endl;
10         f<<"      o o                "<<endl
11         <<" o      o                "<<endl
12         <<"  oooo  o                "<<endl
13         <<"      o oo                "<<endl
14         <<"  oooo                "<<endl
15         <<" @      oo                "<<endl
16         <<" xxxxx                "<<endl
17         <<" xxxxx                "<<endl
18         <<"  xx  xxxxxxxx                "<<endl
19         <<"  xxxxxxxxxxxxxxxx                "<<endl
20         <<"  xxxxxxxxxxxxxxxx                "<<endl
21         <<"  xxxxxxxxxxxxxxxx x                "<<endl
22         <<"  xxxxxxxxxxxxxxxx                "<<endl
23         <<"  xxxxxxxxxxxxxxxx                "<<endl
24         <<"  xxxxxxxxxxxxxxxx                "<<endl
25         <<"  xxx      xx x                "<<endl
26         <<"    x x          x x                "<<endl
27         <<"    x x          x x                "<<endl
28         <<"    x x          x x                "<<endl
29         <<"    x x          x x                "<<endl
30         <<"    x x          x x                "<<endl
31         <<"    x x          x x                ";
32         f.close();
33         return 0;
34     }

```

```

data.out x
1 Cerbul Pufos
2
3   o  o
4  o  o
5  oooo o
6   o oo
7  oooo
8  @  oo
9  xxxxx
10 xxxxx
11  xx  xxxxxxxx
12  xxxxxxxxxxxxxxxx
13  xxxxxxxxxxxxxxxx
14  xxxxxxxxxxxxxxxx x
15  xxxxxxxxxxxxxxxx
16  xxxxxxxxxxxxxxxx
17  xxxxxxxxxxxxxxxx
18  xxx  xx x
19  x x  x x
20  x x  x x
21  x x  x x
22  x x  x x
23  x x  x x
24  x x  x x

```