ANIMATION DONE USING C++

//IRON MAN FACE:

#include<iostream>

#include<conio.h>

#include<graphics.h>

#include<dos.h>

#include<math.h>

using namespace std;

bondaryFill(int p,int q,int r,int s)

{

int t;

t=getpixel(p,q);

if(t!=s && t!=r)

{

putpixel(p,q,r);

delay(1);

bondaryFill(p+1,q,r,s);

bondaryFill(p-1,q,r,s);

bondaryFill(p,q+1,r,s);

bondaryFill(p,q-1,r,s);

}

return 0;

}

void main()

{

int maxx,maxy;

int gd=DETECT,gm;

initgraph(&gd,&gm,"C:\\TurboC3\\BGI");

setcolor(BLACK);

for(int i=0;i<639;i++)

{

line(0+i,0,0+i,479);

}

setcolor(14);

/\*Later 1: Inner Structure \*/

line(273,68,285,65);delay(50);

line(285,65,298,63);delay(50);

line(298,63,306,63);delay(50);

line(306,63,314,65);delay(50);

line(314,65,327,66);delay(50);

line(327,66,334,68);delay(50);

line(334,68,328,117);delay(50);

line(273,68,285,65);delay(50);

line(285,65,298,63);delay(50);

line(298,63,306,63);delay(50);

line(306,63,314,65);delay(50);

line(314,65,327,66);delay(50);

line(327,66,334,68);delay(50);

line(334,68,328,117);delay(50);

line(328,117,279,117);delay(50);

line(279,117,273,68);delay(50);

bondaryFill(306,92,4,14);

line(283,124,324,124);delay(50);

line(324,124,324,178);delay(50);

line(324,178,314,180);delay(50);

line(314,180,304,182);delay(50);

line(304,182,294,180);delay(50);

line(294,180,283,178);delay(50);

line(283,178,283,124);delay(50);

bondaryFill(305,155,4,14);

/\*Layer 2: Outer Structure\*/

line(335,100,339,68);delay(50);

line(339,68,347,71);delay(50);

line(347,71,352,73);delay(50);

line(352,73,357,75);delay(50);

line(357,75,360,77);delay(50);

line(360,77,363,79);delay(50);

line(363,79,368,82);delay(50);

line(368,82,371,85);delay(50);

line(371,85,375,89);delay(50);

line(375,89,378,93);delay(50);

line(378,93,382,97);delay(50);

line(382,97,385,100);delay(50);

line(385,100,386,112);delay(50);

line(386,112,388,122);delay(50);

line(388,122,389,135);delay(50);

line(389,135,389,146);delay(50);

line(389,146,389,159);delay(50);

line(389,159,392,162);delay(50);

line(392,162,395,165);delay(50);

line(395,165,397,170);delay(50);

line(397,170,398,173);delay(50);

line(398,173,399,182);delay(50);

line(399,182,399,191);delay(50);

line(399,191,400,197);delay(50);

line(400,197,398,207);delay(50);

line(398,207,396,215);delay(50);

line(396,215,393,222);delay(50);

line(393,222,391,229);delay(50);

line(391,229,390,231);delay(50);

line(390,231,388,240);delay(50);

line(388,240,385,251);delay(50);

line(385,251,383,260);delay(50);

line(383,260,381,267);delay(50);

line(381,267,379,274);delay(50);

line(379,274,378,287);delay(50);

line(378,287,378,301);delay(50);

line(378,301,377,306);delay(50);

line(377,306,376,311);delay(50);

line(376,311,374,318);delay(50);

line(374,318,371,325);delay(50);

line(371,325,367,332);delay(50);

line(367,332,363,336);delay(50);

line(363,336,360,341);delay(50);

line(360,341,346,363);delay(50);

line(346,363,339,370);delay(50);

line(339,370,321,359);delay(50);

line(321,359,284,359);delay(50);

line(284,359,263,370);delay(50);

line(263,370,258,363);delay(50);

line(258,363,247,347);delay(50);

line(247,347,240,336);delay(50);

line(240,336,232,324);delay(50);

line(232,324,227,311);delay(50);

line(227,311,226,292);delay(50);

line(226,292,223,255);delay(50);

line(223,255,218,245);delay(50);

line(218,245,217,231);delay(50);

line(217,231,211,217);delay(50);

line(211,217,208,204);delay(50);

line(208,204,207,184);delay(50);

line(207,184,208,174);delay(50);

line(208,174,211,165);delay(50);

line(211,165,217,157);delay(50);

line(217,157,220,100);delay(50);

line(220,100,228,92);delay(50);

line(228,92,233,86);delay(50);

line(233,86,239,81);delay(50);

line(239,81,245,77);delay(50);

line(245,77,254,73);delay(50);

line(254,73,267,67);delay(50);

line(267,67,271,100);delay(50);

line(271,100,250,105);delay(50);

line(250,105,246,90);delay(50);

line(246,90,246,106);delay(50);

line(246,106,237,111);delay(50);

line(237,111,231,114);delay(50);

line(231,114,225,120);delay(50);

line(225,120,226,136);delay(50);

line(226,136,227,148);delay(50);

line(227,148,227,164);delay(50);

line(227,164,227,206);delay(50);

line(227,206,225,215);delay(50);

line(225,215,221,231);delay(50);

line(221,231,222,244);delay(50);

line(222,244,223,249);delay(50);

line(223,249,254,310);delay(50);

line(254,310,253,318);delay(50);

line(253,318,252,325);delay(50);

line(252,325,251,331);delay(50);

line(251,331,263,355);delay(50);

line(263,355,272,354);delay(50);

line(272,354,280,351);delay(50);

line(280,351,294,352);delay(50);

line(294,352,296,351);delay(50);

line(296,351,298,350);delay(50);

line(298,350,299,349);delay(50);

line(299,349,307,349);delay(50);

line(307,349,312,352);delay(50);

line(312,352,327,352);delay(50);

line(327,352,334,355);delay(50);

line(334,355,341,355);delay(50);

line(341,355,355,329);delay(50);

line(355,329,353,321);delay(50);

line(353,321,353,316);delay(50);

line(353,316,357,306);delay(50);

line(357,306,365,291);delay(50);

line(365,291,371,281);delay(50);

line(371,281,375,275);delay(50);

line(375,275,378,266);delay(50);

line(378,266,382,254);delay(50);

line(382,254,384,242);delay(50);

line(384,242,386,233);delay(50);

line(386,233,385,227);delay(50);

line(385,227,383,218);delay(50);

line(383,218,381,212);delay(50);

line(381,212,380,209);delay(50);

line(380,209,381,120);delay(50);

line(381,120,376,116);delay(50);

line(376,116,373,114);delay(50);

line(373,114,367,111);delay(50);

line(367,111,359,108);delay(50);

line(359,108,358,92);delay(50);

line(358,92,353,104);delay(50);

line(353,104,335,100);delay(50);

line(375,89,367,111);delay(50);

line(396,215,381,212);delay(50);

line(367,332,355,329);delay(50);

line(228,92,231,114);delay(50);

line(211,217,227,206);delay(50);

line(251,329,239,332);delay(50);

bondaryFill(349,88,4,14);

bondaryFill(255,86,4,14);

bondaryFill(384,138,4,14);

bondaryFill(248,328,4,14);

bondaryFill(368,300,4,14);

bondaryFill(302,355,4,14);

bondaryFill(216,185,4,14);

/\*Layer 4 ; Right\*/

line(267,371,283,363);delay(50);

line(283,363,320,363);delay(50);

line(320,363,334,371);delay(50);

line(334,371,327,372);delay(50);

line(327,372,315,373);delay(50);

line(315,373,291,373);delay(50);

line(291,373,280,372);delay(50);

line(280,372,267,371);delay(50);

bondaryFill(299,368,4,14);

line(257,321,268,339);delay(50);

line(268,339,276,329);delay(50);

line(276,329,330,329);delay(50);

line(330,329,338,339);delay(50);

line(338,339,348,321);delay(50);

line(348,321,349,330);delay(50);

line(349,330,340,349);delay(50);

line(340,349,338,351);delay(50);

line(338,351,334,349);delay(50);

line(334,349,328,346);delay(50);

line(328,346,312,346);delay(50);

line(312,346,311,345);delay(50);

line(311,345,297,345);delay(50);

line(297,345,296,347);delay(50);

line(296,347,280,346);delay(50);

line(280,346,269,350);delay(50);

line(269,350,267,351);delay(50);

line(267,351,256,332);delay(50);

line(256,332,257,321);delay(50);

bondaryFill(301,337,14,14);

/\* HEAD \*/

line(229,123,237,117);delay(50);

line(237,117,242,115);delay(50);

line(242,115,245,114);delay(50);

line(245,114,251,112);delay(50);

line(251,112,260,110);delay(50);

line(260,110,266,107);delay(50);

line(266,107,272,106);delay(50);

line(272,106,279,182);delay(50);

line(279,182,303,189);delay(50);

line(303,189,326,182);delay(50);

line(326,182,334,104);delay(50);

line(334,104,346,109);delay(50);

line(346,109,355,112);delay(50);

line(355,112,361,115);delay(50);

line(361,115,367,118);delay(50);

line(367,118,373,121);delay(50);

line(373,121,377,124);delay(50);

line(377,124,375,133);delay(50);

line(375,133,374,139);delay(50);

line(374,139,373,145);delay(50);

line(373,145,372,151);delay(50);

line(372,151,371,159);delay(50);

line(371,159,370,167);delay(50);

line(370,167,369,185);delay(50);

line(369,185,369,186);delay(50);

line(369,186,368,207);delay(50);

line(368,207,369,214);delay(50);

line(369,214,370,220);delay(50);

line(370,220,329,236);delay(50);

line(329,236,323,238);delay(50);

line(323,238,319,241);delay(50);

line(319,241,313,242);delay(50);

line(313,242,306,243);delay(50);

line(306,243,295,243);delay(50);

line(295,243,284,243);delay(50);

line(284,243,277,236);delay(50);

line(277,236,272,235);delay(50);

line(272,235,236,221);delay(50);

line(236,221,237,212);delay(50);

line(237,212,238,204);delay(50);

line(238,204,239,205);delay(50);

line(239,205,240,196);delay(50);

line(240,196,239,183);delay(50);

line(239,183,238,174);delay(50);

line(238,174,237,165);delay(50);

line(237,165,236,161);delay(50);

line(236,161,235,153);delay(50);

line(235,153,233,146);delay(50);

line(233,146,232,136);delay(50);

line(232,136,230,128);delay(50);

line(230,128,229,123);delay(50);

line(279,182,236,221);delay(50);

line(326,182,370,220);delay(50);

bondaryFill(257,167,14,14);

bondaryFill(300,217,14,14);

bondaryFill(352,142,14,14);

/\* MOUTH \*/

line(234,232,244,247);delay(50);

line(244,247,279,255);delay(50);

line(279,255,283,249);delay(50);

line(283,249,301,250);delay(50);

line(301,250,318,249);delay(50);

line(318,249,324,256);delay(50);

line(324,256,361,249);delay(50);

line(361,249,370,239);delay(50);

line(370,239,370,251);delay(50);

line(370,251,362,280);delay(50);

line(362,280,331,324);delay(50);

line(331,324,276,325);delay(50);

line(276,325,245,281);delay(50);

line(245,281,234,248);delay(50);

line(234,248,234,232);delay(50);

line(279,255,276,325);delay(50);

line(324,256,331,324);delay(50);

bondaryFill(299,290,14,14);

bondaryFill(261,276,14,14);

bondaryFill(344,276,14,14);

/\* EYES \*/

for(int v = 0;v<13; v++)

{

line(235,225,277,242);delay(50);

line(277,242,280,244);delay(50);

line(280,244,278,248);delay(50);

line(278,248,264,248);delay(50);

line(264,248,248,242);delay(50);

line(248,242,235,225);delay(50);

/\* 2ND EYES \*/

line(370,223,324,245);delay(50);

line(324,245,326,248);delay(50);

line(326,248,337,247);delay(50);

line(337,247,349,245);delay(50);

line(349,245,355,243);delay(50);

line(355,243,370,231);delay(50);

line(370,231,370,223);delay(50);

// bondaryFill(254,238,v,14);

// bondaryFill(348,240,v,14);

}

bondaryFill(254,238,WHITE,14);

bondaryFill(348,240,WHITE,14);

getch();

}