MODULE Module1

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!

! Module: Module1

!

! Description:

! <Insert description here>

!

! Author: info2

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! Version: 1.0

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!

! Procedure main

!

! This is the entry point of your program

!

!\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

CONST num lunghezza\_foglio := 420;

CONST num lunghezza\_lettera :=20;

CONST num spazio\_lungo :=10;

CONST num altezza\_foglio := 297;

CONST num altezza\_lettera := 40;

CONST num spazio\_altezza :=20;

CONST num k:=10; !dimensione

VAR speeddata v:=[1000,500,1000,500]; !velocità

VAR num matrix{2,3} :=[[0,0],[0,0],[0,0]];

!VAR num rows := lunghezza\_foglio/(lunghezza\_lettera+spazio\_lungo);

!VAR num columns := altezza\_foglio/(altezza\_lettera+spazio\_altezza);

VAR robtarget p12;

VAR robtarget p13;

VAR robtarget p21;

VAR robtarget p22;

VAR robtarget p23;

VAR robtarget p31;

VAR robtarget p32;

VAR robtarget p33;

VAR robtarget p41;

VAR robtarget p42;

VAR robtarget p43;

VAR robtarget p51;

VAR robtarget p52;

VAR robtarget p53;

VAR robtarget p110;

VAR robtarget p120;

VAR robtarget p130;

VAR robtarget p210;

VAR robtarget p220;

VAR robtarget p230;

VAR robtarget p310;

VAR robtarget p320;

VAR robtarget p330;

VAR robtarget p410;

VAR robtarget p420;

VAR robtarget p430;

VAR robtarget p510;

VAR robtarget p520;

VAR robtarget p530;

VAR robtarget p11:=[[364.35,0.00,594.00],[0.5,0,0.866025,0],[0,0,0,0],[9E+9,9E+9,9E+9,9E+9,9E+9,9E+9]];

PROC main()

!Add your code here

calcola;

IF matrix{3,0}=0

THEN

letteraA;

ENDIF

ENDPROC

PROC calcola()

p12 := Offs(p11,k,0,0);

p13 := Offs(p12,k,0,0);

p21 := Offs(p11,0,-k,0);

p22 := Offs(p21,k,0,0);

p23 := Offs(p22,k,0,0);

p31 := Offs(p21,0,-k,0);

p32 := Offs(p31,k,0,0);

p33 := Offs(p32,k,0,0);

p41 := Offs(p31,0,-k,0);

p42 := Offs(p41,k,0,0);

p43 := Offs(p42,k,0,0);

p51 := Offs(p41,0,-k,0);

p52 := Offs(p51,k,0,0);

p53 := Offs(p52,k,0,0);

p120 := Offs(p12,0,0,10);

p130 := Offs(p13,0,0,10);

p210 := Offs(p21,0,0,10);

p220 := Offs(p22,0,0,10);

p230 := Offs(p23,0,0,10);

p310 := Offs(p31,0,0,10);

p320 := Offs(p32,0,0,10);

p330 := Offs(p33,0,0,10);

p410 := Offs(p41,0,0,10);

p420 := Offs(p42,0,0,10);

p430 := Offs(p43,0,0,10);

p510 := Offs(p51,0,0,10);

p520 := Offs(p52,0,0,10);

p530 := Offs(p53,0,0,10);

ENDPROC

PROC letteraA()

MoveL p510,v,z0,tool0;

MoveL p51,v,z0,tool0;

MoveL p21,v,z0,tool0;

MoveC p12,p23,v,z0,tool0;

MoveL p53,v,z0,tool0;

MoveL p530,v,z0,tool0;

MoveL p310,v,z0,tool0;

MoveL p31,v,z0,tool0;

MoveL p33,v,z0,tool0;

ENDPROC

PROC letteraB()

MoveL p510,v,z0,tool0;

MoveL p51,v,z0,tool0;

MoveL p11,v,z0,tool0;

MoveL p12,v,z0,tool0;

MoveC p23,p32,v,z0,tool0;

MoveC p43,p52,v,z0,tool0;

MoveL p51,v,z0,tool0;

MoveL p510,v,z0,tool0;

MoveL p310,v,z0,tool0;

MoveL p31,v,z0,tool0;

MoveL p32,v,z0,tool0;

ENDPROC

PROC letteraD()

MoveL p510,v,z0,tool0;

MoveL p51,v,z0,tool0;

MoveL p11,v,z0,tool0;

MoveC p33,p51,v,z0,tool0;

ENDPROC

PROC letteraE()

MoveL p130,v,z0,tool0;

MoveL p13,v,z0,tool0;

MoveL p11,v,z0,tool0;

MoveL p51,v,z0,tool0;

MoveL p53,v,z0,tool0;

MoveC p530,p52,v,z0,tool0;

MoveL p310,v,z0,tool0;

MoveL p31,v,z0,tool0;

MoveL p32,v,z0,tool0;

ENDPROC

PROC letteraI()

MoveL p120,v,z0,tool0;

MoveL p12,v,z0,tool0;

MoveL p52,v,z0,tool0;

ENDPROC

PROC letteraL()

MoveL p110,v,z0,tool0;

MoveL p11,v,z0,tool0;

MoveL p51,v,z0,tool0;

MoveL p53,v,z0,tool0;

ENDPROC

PROC letteraM()

MoveL p510,v,z0,tool0;

MoveL p51,v,z0,tool0;

MoveL p11,v,z0,tool0;

MoveL p32,v,z0,tool0;

MoveL p13,v,z0,tool0;

MoveL p53,v,z0,tool0;

ENDPROC

PROC letteraN()

MoveL p510,v,z0,tool0;

MoveL p51,v,z0,tool0;

MoveL p53,v,z0,tool0;

MoveL p13,v,z0,tool0;

ENDPROC

PROC letteraO()

MoveL p410,v,z0,tool0;

MoveL p41,v,z0,tool0;

MoveL p21,v,z0,tool0;

MoveC p12,p23,v,z0,tool0;

MoveL p43,v,z0,tool0;

MoveC p52,p41,v,z0,tool0;

ENDPROC

PROC letteraR()

MoveL p510,v,z0,tool0;

MoveL p51,v,z0,tool0;

MoveL p12,v,z0,tool0;

MoveC p23,p32,v,z0,tool0;

MoveL p31,v,z0,tool0;

MoveL p310,v,z0,tool0;

MoveL p320,v,z0,tool0;

MoveL p32,v,z0,tool0;

MoveL p53,v,z0,tool0;

ENDPROC

PROC letteraS()

MoveL p130,v,z0,tool0;

MoveL p13,v,z0,tool0;

MoveL p12,v,z0,tool0;

MoveC p21,p32,v,z0,tool0;

MoveC p43,p52,v,z0,tool0;

MoveL p51,v,z0,tool0;

ENDPROC

PROC letteraV()

MoveL p110,v,z0,tool0;

MoveL p11,v,z0,tool0;

MoveL p52,v,z0,tool0;

MoveL p13,v,z0,tool0;

ENDPROC

PROC letteraZ()

MoveL p110,v,z0,tool0;

MoveL p11,v,z0,tool0;

MoveL p13,v,z0,tool0;

MoveL p51,v,z0,tool0;

MoveL p53,v,z0,tool0;

ENDPROC

ENDMODULE