TRIGONOMETRY, i.e. identify positions using angles and distances of shapes, e.g. in particular, triangles

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TRIGONOMETRY SKILL LEVEL 1:

INPUTS:

STARTX=0.30 //START POSITION X OF POINT STARTY=0.30 //START POSITION Y OF POINT

STEPX=0.10 //MOVE POSITION X BY STEP COUNT STEPY=0.10 //MOVE POSITION Y BY STEP COUNT A=90 //ANGLE IN DEGREES CELSIUS

X=STARTX+cos(A)*STEPX //POSITION X OF POINT Y=STARTY+sin(A)*STEPY //POSITION Y OF POINT

SAGOT:

1
1
1
Y
1
A
0
X -1
I
S

AXIS

TRIGONOMETRY SKILL LEVEL 1:

INPUTS:

STARTX=0.30 //START POSITION X OF POINT STARTY=0.30 //START POSITION Y OF POINT

STEPX=0.10 //MOVE POSITION X BY STEP COUNT STEPY=0.10 //MOVE POSITION Y BY STEP COUNT A=90 //ANGLE IN DEGREES CELSIUS

X=STARTX+cos(A)*STEPX //POSITION X OF POINT Y=STARTY+sin(A)*STEPY //POSITION Y OF POINT

