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' *****  
' C:\Users\mmd\AppData\Local\Temp\swx5140\Macro1.swb - macro recorded on 11/09/12 by mmd  
' *****  
Dim swApp As Object  
  
Dim Part As Object  
Dim boolstatus As Boolean  
Dim longstatus As Long, longwarnings As Long  
  
Sub main()  
  
Set swApp = _  
Application.SldWorks  
  
Set Part = swApp.ActiveDoc  
Part.SketchManager.InsertSketch True  
boolstatus = Part.Extension.SelectByID2("Basis", "PLANE", 0, 0, 0, False, 0, Nothing, 0)  
Part.ClearSelection2 True  
Dim skSegment As Object  
Set skSegment = Part.SketchManager.CreateLine(0#, 0#, 0#, 2.206645, -0.164472, 0#)  
Part.SetPickMode  
Part.ClearSelection2 True  
boolstatus = Part.Extension.SelectByID2("Line1", "SKETCHSEGMENT", 2.49748675018852, 1.64857696326736, 1.83211694066534, False, 0, Nothing, 0)  
)  
Part.SketchAddConstraints "sgHORIZONTAL2D"  
Part.SetPickMode  
Part.ClearSelection2 True  
Set skSegment = Part.SketchManager.CreateLine(0#, 0#, 0#, 0.367558, 3.184647, 0#)  
Part.SetPickMode  
Part.ClearSelection2 True  
boolstatus = Part.Extension.SelectByID2("Line2", "SKETCHSEGMENT", 1.91298001295333, 3.07476559161485, 0.761087368857402, False, 0, Nothing, 0)  
)  
Part.SketchAddConstraints "sgVERTICAL2D"  
Part.SetPickMode  
Part.ClearSelection2 True  
Part.SketchManager.InsertSketch True  
Part.SetPickMode  
Part.ClearSelection2 True  
boolstatus = Part.Extension.SelectByID2("Skizze3", "SKETCH", 0, 0, 0, False, 0, Nothing, 0)  
Part.ClearSelection2 True  
boolstatus = Part.Extension.SelectByID2("Skizze3", "SKETCH", 0, 0, 0, False, 0, Nothing, 0)  
boolstatus = Part.Extension.SelectByID2("Skizze3", "SKETCH", 0, 0, 0, False, 0, Nothing, 0)  
boolstatus = Part.SelectedFeatureProperties(0, 0, 0, 0, 0, 0, 0, 1, 0, "Sk-Koord")  
Part.SetPickMode  
Part.ClearSelection2 True  
boolstatus = Part.Extension.SelectByID2("Point1@Ursprung", "EXTSKETCHPOINT", 0, 0, 0, True, 0, Nothing, 0)  
boolstatus = Part.Extension.SelectByID2("Line1@Sk-Koord", "EXTSKETCHSEGMENT", 1.29202315786267, 0, 0, True, 0, Nothing, 0)  
boolstatus = Part.Extension.SelectByID2("Line2@Sk-Koord", "EXTSKETCHSEGMENT", 0, 2.66674146685716, 0, True, 0, Nothing, 0)  
Part.ClearSelection2 True  
boolstatus = Part.Extension.SelectByID2("Point1@Ursprung", "EXTSKETCHPOINT", 0, 0, 0, False, 1, Nothing, 0)  
boolstatus = Part.Extension.SelectByID2("Line1@Sk-Koord", "EXTSKETCHSEGMENT", 1.29202315786267, 0, 0, True, 2, Nothing, 0)  
boolstatus = Part.Extension.SelectByID2("Line2@Sk-Koord", "EXTSKETCHSEGMENT", 0, 2.66674146685716, 0, True, 4, Nothing, 0)  
boolstatus = Part.InsertCoordinateSystem(False, False, False)  
End Sub
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