import clr

import sys

sys.path.append('C:\Program Files (x86)\IronPython 2.7\Lib')

import System

from System import Array

from System.Collections.Generic import \*

clr.AddReference('ProtoGeometry')

from Autodesk.DesignScript.Geometry import \*

clr.AddReference("RevitNodes")

import Revit

clr.ImportExtensions(Revit.Elements)

clr.ImportExtensions(Revit.GeometryConversion)

clr.AddReference("RevitServices")

import RevitServices

from RevitServices.Persistence import DocumentManager

from RevitServices.Transactions import TransactionManager

clr.AddReference("RevitAPI")

clr.AddReference("RevitAPIUI")

import Autodesk

from Autodesk.Revit.DB import \*

from Autodesk.Revit.UI import \*

doc = DocumentManager.Instance.CurrentDBDocument

uiapp = DocumentManager.Instance.CurrentUIApplication

app = uiapp.Application

uidoc = uiapp.ActiveUIDocument