## Code Screenshots

```
# print spatial references after re-projection
print(f"After Re-Projection...")
print(f"garages layer spatial reference: {arcpy.Describe('Garages').spatialReference.name}.")
print(f"re-projected Structures layer spatial reference: {arcpy.Describe('Structures_Projected').spatialReference.name}")
```

```
### >>>>> Add your code here
# Buffer analysis
radiumStr = "150 meter"
buffer_output="garages_buffered"
arcpy.analysis.Buffer("Garages", buffer_output, radiumStr)

# Intersect analysis
inFeatures=["garages_buffered","Structures_Projected"]
intersectOutput="intersection"
arcpy.analysis.Intersect(inFeatures, intersectOutput)
```

```
# Output features to the created GDB

layers_to_output = ["Garages", "Structures", "garages_buffered", "intersection"]

# Run CopyFeatures for each input shapefile

for layer in layers_to_output:

# Determine the new output feature class path and name

out_featureclass=os.path.join(output_gdb_path,layer)

arcpy.management.CopyFeatures(layer, out_featureclass)

print(f"Layer {layer} Exported to Output.gdb")

### <<<<<>>End of your code here
```

## Terminals Snapshot

## ArcGIS Pro Screenshot (Result)

