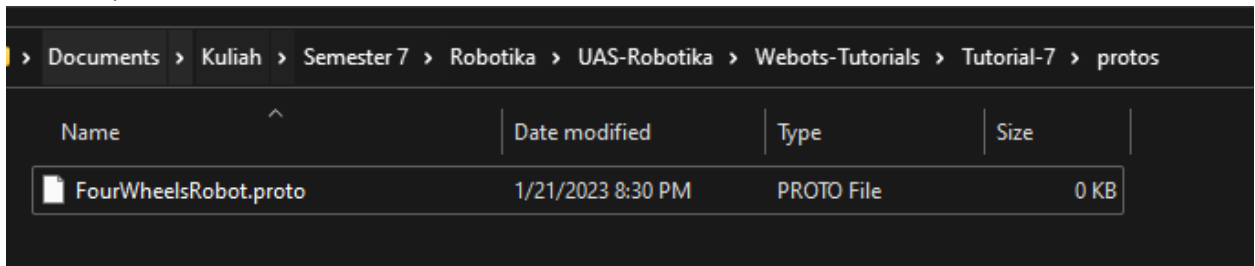


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Tutorial 7 : Your First PROTO

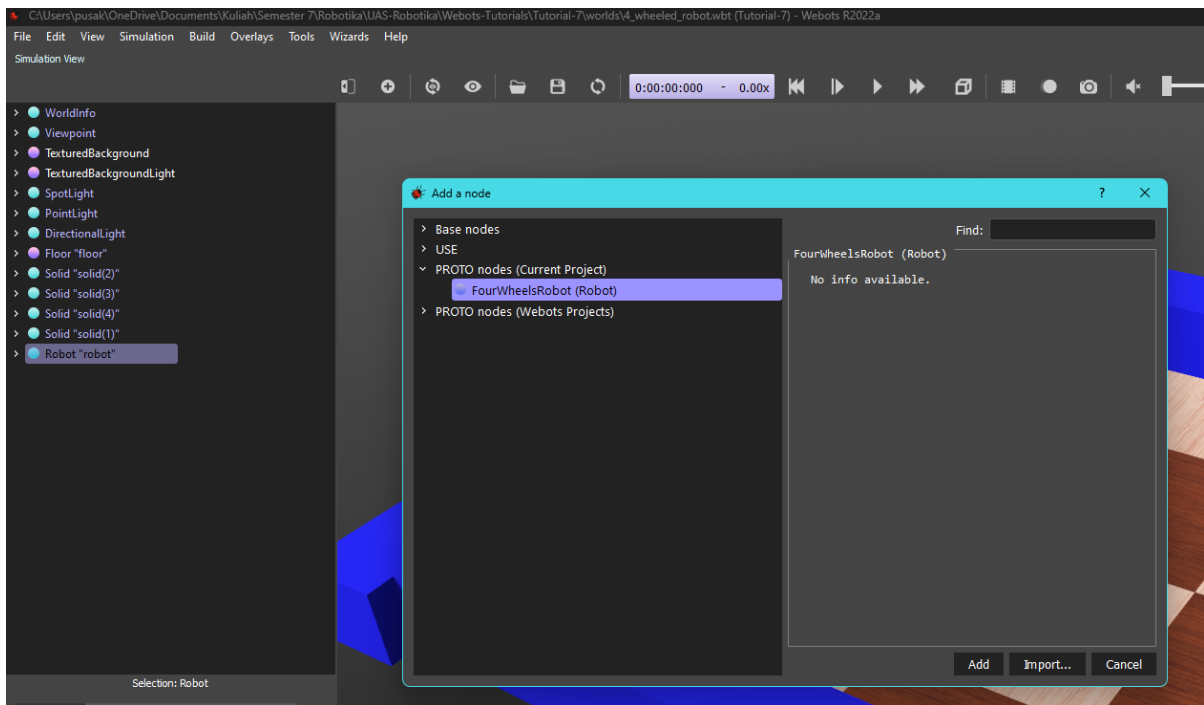
1. Duplikasi project tutorial 6
2. Buat file proto



3. Copy code robot anda

```
125 }
126 Robot {
127   translation -0.00543624 0.0282559 0.1
128   children [
129     DistanceSensor {
130       translation 0.1 0.02 0
131       rotation 0 0 1 -1.27
132       children [
133         DEF Sensor Shape {
134           appearance PBRAppearance {
135             baseColor 0 0 1
136             roughness 1
137             metalness 0
138           }
139           geometry Box {
140             size 0.01 0.01 0.01
141           }
142         }
143       ]
144       name "ds_left"
145       boundingObject USE Sensor
146       physics Physics {
147       }
148     }
149     DistanceSensor {
150       translation 0.1 -0.02 0
151       rotation 0 0 1 -1.87
152       children [
153         DEF Sensor Shape {
154           appearance PBRAppearance {
155             baseColor 0 0 1
156             roughness 1
157             metalness 0
158           }
159           geometry Box {
160             size 0.01 0.01 0.01
161           }
162         }
163       ]
164       name "ds_right"
165       boundingObject USE Sensor
```

4. Paste di file proto
5. Add node Proto



6. Save dan jalankan project