



WORKSHEET

1. Would you like to have a robot to “Walk your Way through the History of Martos”? Why? Discuss.

Advantages	Disadvantages

2. Use the APP WOW-HI and list 5 streets that could be part of a tour. Group them according to their location or history.

3. In groups, programme your robot to guide tourists through these streets. Use the street map attached and the WOW-HI APP to:

1. Print a 3D-format monument that you want to include in your itinerary
2. Programme the robot to guide tourists through the tour
3. Create a video in English and Spanish explaining each instrument
4. Make a QR Code to get access to the video.

Check the example below and pictures of the process





Erasmus+ strategic partnership
Walking our Way through History
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Step 1:





Step 2:



▼ Bucle principal (Loop)

Variable Der = Leer sensor_Der

Variable Izq = Leer sensor_Izq

Variable mensaje = bluetooth_de_la_placa recibir

Si Variable mensaje = seguirlinea

- Girar servo servo_Der en sentido horario
- Girar servo servo_Izq en sentido antihorario

Si Variable Izq > Variable Der ejecutar

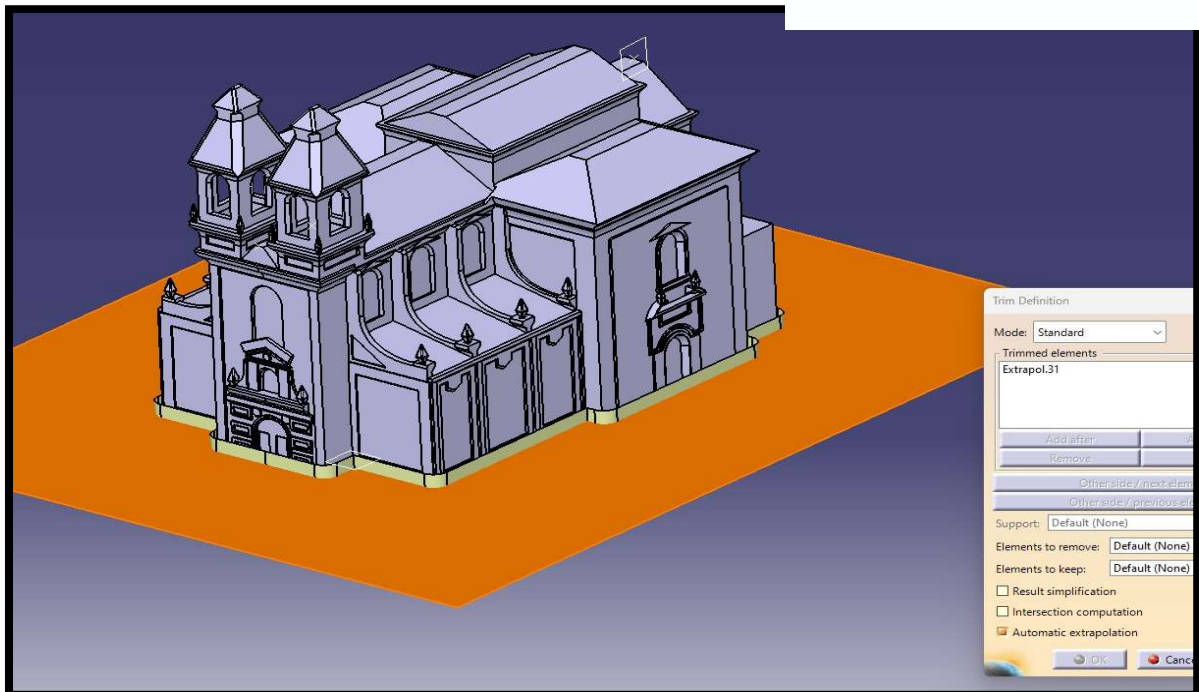
- Girar servo servo_Der en sentido horario
- Parar servo servo_Izq

en cambio, si Variable Der > Variable Izq ejecutar

- Girar servo servo_Izq en sentido antihorario
- Parar servo servo_Der

Si Leer ultrasonidos <= 3 ejecutar

- Parar servo servo_Izq
- Parar servo servo_Der





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Step 3:



Step 4:



4. Contest. There will be an exhibition and the best itinerary will be chosen by a group of experts.