# Unit Tests

These unit tests cover the following scenarios:

1. **test\_trash\_item\_creation**: Tests the correct creation of a **TrashItem** object.
2. **test\_recycle\_bin\_creation**: Tests the correct creation of a **RecycleBin** object.
3. **test\_trash\_item\_collision**: Tests whether a **TrashItem** object correctly detects a collision with a **RecycleBin** object.
4. **test\_trash\_item\_no\_collision**: Tests whether a **TrashItem** object correctly detects the absence of a collision with a **RecycleBin** object.