

## **Abstract**

In this thesis, we will study the relations between weakly injective, weakly projective versus extending and lifting modules and its generalization. Mainly, we study rings over which every weakly injective module is weakly projective and rings over which every weakly projective module is weakly injective. Also, we study weakly-injective modules versus extending modules.

**Keywords:** weakly-injective, weakly-projective, extending, lifting.