**Report of (CORBA)**

The Common Object Request Broker Architecture (CORBA) is a middleware specification that enables communication between distributed objects in a networked environment. It is a standard defined by the Object Management Group (OMG) and provides a platform-independent and language-independent framework for building applications using distributed objects.

CORBA allows objects written in different programming languages, running on different operating systems, to communicate and interact with each other seamlessly.

**The key components of CORBA include:**

1. Interface Definition Language (IDL):

to define the interfaces of distributed objects. IDL specifies the methods, parameters, and data types that objects expose to other objects.

1. Object Request Broker (ORB):

he Object Request Broker acts as the central communication infrastructure.to hundle all instructions and errors.

1. Object Services:

include naming, event handling, transaction management, security, and persistence. developers can enhance the functionality and reliability of their distributed applications.

1. Interface Repository:

It allows objects to dynamically discover and locate other objects by looking up their interfaces in the repository.

