**Day 10:**

Passing dynamic value from component to reducer we need to use dispatch() function with type as well as payload attribute.

dispatch({type:”ACTION\_TYPE”,payload:value});

**redux toolkit**

redux toolkit is another third party library base upon redux core. Redux toolkit provided abstract layer for reducer functions.

It provided lot of pre defined function

1. configureStore(): it is equal to createStore()
2. createSlice() : it automatically create action creator and reducer. This function we need to use inside reducer file. Which takes n number of attribute as name,initialState, reducer etc.
3. to call rest api in react we can use fetch() function or axios third party library.
4. With redux if we want to achieve asynchronous communication we need to install third party module it redux-thunk or redux-saga etc.
5. Redux tool kit by default provided third party library ie redux-thunk etc.
6. It provided pre defined function createAyncThunk() function.

npm create vite@latest react-with-redux-toolkit

cd react-with-redux-toolkit

**npm install @reduxjs/toolkit react-redux**

**npm install**