**Lab 6**

**Basics of jQuery and AJAX: Using XMLHTTPRequest Object**

1. Illustrate the concept of element, id and class selectors.
2. For element selector, create a paragraph about anything. Whenever you click on the paragraph element, its background color must change to red.
3. For id and class selector create divs. The div with id element must hide on button click and for that with class element, background color must be changed.
4. Make the use of jQuery Events:
   1. dblclick()
   2. hover()
   3. mouseenter()
   4. keydown()
   5. focus()
5. Illustrate the concepts of following jQuery effects:
   1. fadeIn()
   2. fadeOut()
   3. fadeToggle()
   4. slideToggle()
   5. animate()
6. Illustrate the concept of XMLHTTPRequest Object and JSON. Create a JSON file containing the province id and destination that can be visited on that province. When a user selects any province, corresponding destination list must be generated.

{

"destination":[

{

"id":"1",

"destinationList":[

"Illam",

"Pathivara",

"Dharan",

"Vedetaar"

]

},

{

"id":"2",

"destinationList":[

"Janaki Temple",

"Maha Gadhimai",

"Vata Mandir"

]

},

{

"id":"3",

"destinationList":[

"Sauraha",

"Basantapur",

"Bhaktapur Durbar Square",

"Lalitpur Durbar Square"

]

},

{

"id":"4",

"destinationList":[

"Fewa Lake",

"Begnas Lake",

"Peacae Stupa",

"Mahendra Cave"

]

}

]

}