IWPL - Assignment 3

→ **Aim :-** Design an online registration form and validate using it using jQuery.

→ **Problem Statement :** Use jQuery to validate the registration form designed for "Online Sports Store".

Theory:

Q.1] What is jQuery?

Ans.

i] jQuery is a lightweight, "write less, do more" javaScript library.

ii] The purpose of jQuery is to make it much easier to use javascript on your website.

iii] jQuery simplifies a lot of complicated things from JavaScript, like Ajax calls & DOM Manipulation.

iv] The jQuery library contains the following features :-

a] HTML/DOM manipulation
b] CSS manipulation
c] HTML Event Methods
d] Effects and animations
e] Ajax
f] Utilities

Q.2] What are the advantages of jQuery?

Ans. Advantages of jQuery are :-

a] Promotes Simplicity
b] Cross-browser Compatibility

c] Clean and beautiful syntax.
d] Lightweight and lean
e] Open Source Library
f] Animations and Cool effects
g] Highly extensible
h] Pages load faster
i] Utility features

Q.5 Explain jQuery Validation for Mobile Phones number and first name

Ans:

code :- rules :

```
mobile : {
①        required : true,
②        number : true,
③        minlength : 8,
④        maxlength : 10
         }
    }
```

Line1: mobile filed field can't be left empty
Line 2: mobile field input must be a number
Line 3 and 4: input length must be between 8 and 10 numbers

- Similary, jQuery validation for first name:

code:
```
rule: {
    name: {
        required: true,
        minlength: 2
    }
}
```

⟹ Conclusion:

Thus, we studied the concept of jQuery along with its advantages and also validated an online registration form using jQuery