



## CSIT884 Web Development

### Week 5 Exercise – Web Form

Please submit **an HTML file** or **a zip file containing the source code file(s) and the resource file(s)** to the entry named “Week 5 Exercise – Web Form” on Moodle before **19:00 Sunday, Week 5**.

- You may combine the required items into **one** HTML file, but be careful with the IDs of different elements.

**Q1.** The library at a fictional Whosville College provides an online web form for the students to search for books in the library. The server service for this web form is running at <http://library.whosville/bsearch> with method GET and it accepts the following parameters:

- author**: this parameter is to specify the author of the books;
- year**: this is to specify the publication year;
- sub**: this parameter is to specify the subject of the books. It can accept multiple values, and the valid values are:
  - math** for Mathematics,
  - cs** for Computer Science,
  - bio** for Biology,
  - phy** for Physics, and
  - chem** for Chemistry.

Create a web form that look like the following:

### Whosville library book search

Author name:

Publication year:

Subject:

- ☐ Mathematics
- ☐ Computer Science
- ☐ Biology
- ☐ Physics
- ☐ Chemistry

Test the web form. If the web form works correctly, then when the user enters **smith** for author name, **2020** for the publication year, Biology and Chemistry for subjects, and clicks Search, then the URL should show:

<http://library.whosville/bsearch?author=smith&year=2020&sub=bio&sub=chem>

**Q2.** Go to the website <https://ebay.com> and play with the search web form. Type some keyword and choose some category to search. Try to find out the following information:

- What is the action of the form?
- What is the parameter for the keyword?
- What is the parameter for the category?
- What are the values for the following category: Art, Book & Magazine, Coins, Music, Stamps, All categories?

After obtain the above information, create a web form that look like the following:



**Ebay search**

Keyword:

☐ Art

☐ Book and Magazine

☐ Coins

☐ Music

☐ Stamps

☐ All categories

Test the web form. If the web form works correctly, then it should submit to the ebay server and display correct results.