In multiselect dropdown, we have some additional methods to deselect already selected options.

i) deselectByVisibleText (String)

2) deselectByValue (String)

3) deselectByIndex (int)

4) deselectAll ()

For multiselect dropdown, in order to retrive only selected options, we should use "getAllSelectedOptions ()" of select class. This method returns list of web elements hence in order to get the count of selected options, we can use size method, in order to get individual elements, we use get method by specifying index in a loop.

WORKING WITH PROPERTY FILE

- There are various ways avaible to read the text data from text file, excel file, property file, xml file, database.

- Property file is one of the easiest concept to deal with text data.

- Property File always has an extension ".properties"

- In property file, data is stored in form of key value pair.

- Steps to create property file -

1) In eclipse → go to project & right click on required location, go to new & select file. Specify the file name with '.properties' extension & click on ok button.

For e.g. property file contains

1. username = admin

2. pwd = manager

3. title = Demo

2. Steps to read data from property file →

1) Create an instance of file inputStream class & specify location of properties file in its constructor.

2) Create an object of properties class.

3) Call the load method of properties class by specifying file input stream

reference as an argument to load method.

4) In order to read data from property file we will use getProperty method of properties class by specifying the required property key.

Program →

```java
public class ReadDataFromPropertyFile
{
    public static void main (String[] args) throws
                          IOException
    {
        /** Create an instance of FileInputStrem
        class by specifying property file location
        to its constructor */
        FileInputStream f1 = new FileInputStream(
                    "Location of Property file \\ AppData.propaties");

        /** Create an instance of Properties class*/
        Properties p1 = new Properties();

        /** Call the load() of properties class to
        load Property file*/
```

```java
        p1.load (f1);
        /** Get the data from property file*/
        s.o.p (p1.getProperty ("username"));
```

Now a days, dropdown are getting created without using select tag of html in such cases, we need to identify required dropdown from click on the dropdown, identify the required option & again click on that.

Q. Write a script to validate dropdown present in following appln -
  https://colorlib.com /etc/ regform /colorlib - regform - 5/

1) Verify default value
2) Print the option count
3) Print the option name.
4) Select an option & verify the same option is selected or not.