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| **ASSIGNMENT-3** |
| **SET-A** |
| **Q1. Write a PHP script to create XML file named “Couse.xml”**  **<Course>**  **<SYBBA CA>**  **<Studentname>………</**  **<Classname>…….</**  **<percentage>……</**  **</SYBBA CA>**  **</Course>**  **Store the details of 5 students who are in SYBBACA.** |
| **Solution :**  **<?xml version="1.0" encoding="UTF-8"?>**  **<Course>**  **<SYBBACA>**  **<Studentname>rushikesh vadhane</Studentname>**  **<Classname>SYBBA CA</Classname>**  **<percentage>98%</percentage>**  **</SYBBACA>**  **<SYBBACA>**  **<Studentname>manoj vadhane</Studentname>**  **<Classname>SYBBA CA</Classname>**  **<percentage>90%</percentage>**  **</SYBBACA>**  **<SYBBACA>**  **<Studentname>vivek vadhane</Studentname>**  **<Classname>SYBBA CA</Classname>**  **<percentage>89%</percentage>**  **</SYBBACA>**  **<SYBBACA>**  **<Studentname>omkar vadhane</Studentname>**  **<Classname>SYBBA CA</Classname>**  **<percentage>85%</percentage>**  **</SYBBACA>**  **<SYBBACA>**  **<Studentname>Sarthak girme</Studentname>**  **<Classname>SYBBA CA</Classname>**  **<percentage>86%</percentage>**  **</SYBBACA>**  **</Course>** |
| **Output :** |

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| **Q2. Write PHP script to generate an XML code in the following format**  **<?xml version="1.0" encoding="ISO-8859-1"?>**  **<CATALOG>**  **<CD>**  **<TITLE>Empire Burlesque</TITLE>**  **<ARTIST>Bob Dylan</ARTIST>**  **<COUNTRY>USA</COUNTRY>**  **<COMPANY>Columbia</COMPANY>**  **<PRICE>10.90</PRICE>**  **<YEAR>1985</YEAR>**  **</CD>**  **</CATALOG>** |
| **Solution :**  **<?xml version="1.0" encoding="ISO-8859-1"?>**  **<CATALOG>**  **<CD>**  **<TITLE>Empire Burlesque</TITLE>**  **<ARTIST>Bob Dylan</ARTIST>**  **<COUNTRY>USA</COUNTRY>**  **<COMPANY>Columbia</COMPANY>**  **<PRICE>10.90</PRICE>**  **<YEAR>1985</YEAR>**  **</CD>**  **</CATALOG>** |
| **Output :** |

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| **Q3. Write PHP script to generate an XML code in the following format**  **<?xml version="1.0" encoding="ISO-8859-1"?>**  **<CATALOG>**  **<PLANT>**  **<BOTANICAL>Sanguinaria canadensis</BOTANICAL>**  **<ZONE>4</ZONE>**  **<LIGHT>Mostly Shady</LIGHT>**  **<PRICE>$2.44</PRICE>**  **<AVAILABILITY>031599</AVAILABILITY>**  **</PLANT>**  **</CATALOG>**  **Save the file with name”plant.xml”.** |
| **Solution :**  **<?xml version="1.0" encoding="ISO-8859-1"?>**  **<CATALOG>**  **<PLANT>**  **<BOTANICAL>Sanguinaria canadensis</BOTANICAL>**  **<ZONE>4</ZONE>**  **<LIGHT>Mostly Shady</LIGHT>**  **<PRICE>$2.44</PRICE>**  **<AVAILABILITY>031599</AVAILABILITY>**  **</PLANT>**  **</CATALOG>** |
| **Output :** |

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| **SET-B** |
| **Q1. Write a script to “cricket.xml” file with multiple elements as shown below :**  **<CricketTeam>**  **<Team country=”India”>**  **<player>----------------</player>**  **<runs--------------------</runs>**  **<wicket-----------------</wicket>**  **</Team>**  **<CricketTeam>**  **Write a script to add multiple elements in “cricket.xml” file of category,country=”Australia”.** |
| **Solution :**  **Xml code :**  **<?xml version="1.0" encoding="utf-8"?>**  **<CricketTeam>**  **<Team country="India">**  **<player>sachin</player>**  **<runs>36000</runs>**  **<wicket>88</wicket>**  **</Team>**  **</CricketTeam>**  **Php code :**  **<?php**  **$xml=simplexml\_load\_file('cricket.xml');**  **$team=$xml->addchild('Team');**  **$team->addAttribute('country','Australia');**  **$player=$team->addchild('player','watsunr');**  **$player=$team->addchild('runs','10000');**  **$player=$team->addchild('wicket','44');**  **header('Content-Type: text/xml');**  **echo $xml->asXML();**  **?>** |
| **Output : 1** |

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| **Output : 2** |

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| **Q2. Write a script to create “breakfast.xml” file with multiple elements as shown below :**  **<breakfast\_menu>**  **<food>**  **<name>French Fries</name>**  **<price>Rs 45</price>**  **<description>Young youths are very much interested to eat it</description>**  **<calories>650</calories>**  **</food>**  **</breakfast\_menu>**  **Write a script to add multiple elements in “breakfast.xml” file of category,Juice.** |
| **Solution :**  **Xml code :**  **<?xml version="1.0" encoding="UTF-8"?>**  **<breakfast\_menu>**  **<food>**  **<name>French Fries</name>**  **<price>Rs 45</price>**  **<description>Young youths are very much interested to eat it</description>**  **<calories>650</calories>**  **</food>**  **</breakfast\_menu>**  **Php code :**  **<?php**  **$xml=simplexml\_load\_file('breakfast.xml');**  **$juice=$xml->addchild('juice');**  **$name=$juice->addchild('name','Banana');**  **$name=$juice->addchild('price','Rs.30');**  **$name=$juice->addchild('description','Banana are very soft and sweet.');**  **$name=$juice->addchild('calories','70dozen');**  **header('Content-Type: text/xml');**  **echo $xml->asXML();**  **?>** |
| **Output : 1** |

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| **Output : 2** |

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| **Q3. Create a XML file which gives details of movies available in “Mayanagari CD Store” from following categories a) Classical b) Action c) Horror Elements in each category are in the following format <Category> <Movie Name>—-</Movie Name> <Release Year>—-</Release Year> </Category> Save the file with name “movies.xml”.** |
| **Solution :**  **<?xml version="1.0" encoding="UTF-8"?>**  **<MayanagariCDStore>**  **<Movie categeory="Classical">**  **<MovieName>Machine</MovieName>**  **<ReleaseYear>2019</ReleaseYear>**  **</Movie>**  **<Movie categeory="Action">**  **<MovieName>Gladiator</MovieName>**  **<ReleaseYear>2000</ReleaseYear>**  **</Movie>**  **<Movie categeory="Horror">**  **<MovieName>Kanchana</MovieName>**  **<ReleaseYear>2021</ReleaseYear>**  **</Movie>**  **</MayanagariCDStore>** |
| **Output :** |
| **SET-C** |
| **Q1. Create an application that reads “book.xml” file into simple XML object.Display attributes and elements (Hint : simple\_xml\_load\_file() function).** |
| **Solution :**  **Xml code :**  **<?xml version="1.0" encoding="UTF-8"?>**  **<Books>**  **<Book id="101" categeory="Poetry">**  **<Bookname>The sun and her flowers</Bookname>**  **<Bookrelease>2017</Bookrelease>**  **<BookAuthor>Rupi Kaur</BookAuthor>**  **</Book>**  **<Book id="102" categeory="Nonfication Book">**  **<Bookname>The Psychologoy of Stupidity</Bookname>**  **<Bookrelease>2020</Bookrelease>**  **<BookAuthor>Jean-Francois Marmion</BookAuthor>**  **</Book>**  **<Book id="103" categeory="Thriller">**  **<Bookname>The Other Side of Night</Bookname>**  **<Bookrelease>2022</Bookrelease>**  **<BookAuthor>Adam Hamdy</BookAuthor>**  **</Book>**  **</Books>**  **Php code :**  **<?php**  **$xml=simplexml\_load\_file("book.xml");**  **foreach($xml->Book as $element)**  **{**  **echo"<b>Bookname :</b>".$element->Bookname."<br>";**  **echo"<b>Bookrelease :</b>".$element->Bookrelease."<br>";**  **echo"<b>BookAuthor :</b>".$element->BookAuthor."<br>";**  **echo"<br>";**  **}**  **?>** |
| **Output : 1** |

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| **Output : 2** |