

## Universidad politécnica de durango



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Teacher: Octavio

Class: Client Server Programming

Group: 5A ISW BIS

Topic: Diagnostic test

Answers:

- 1.- B
- 2.- A
- 3.- B
- 4.- A
- 5.- C
- 6.- B
- 7.- C
- 8.- D
- 9.- A
- 10.-

```
var query = {
  pages:{
    count:276,
    ns:0,
    title:"Albert Einstein",
    links:[
      {"ns":0,"title":"20th Century Press Archives"},
      {"ns":0,"title":"A priori and a posteriori"},
      {"ns":0,"title":"Aage Bohr"}, {"ns":0,"title":"Aarau"},
      {"ns":0,"title":"Abba Eban"}
    ]
  }
}

var doc = document.querySelector("body");
doc.textContent = JSON.stringify(query);

threeRandom(query);

function threeRandom(query) {

  //This function returns a random number
  function randInt(n) {
    return Math.floor(Math.random() * n)
  }

  //this is the main variables that this methoc contains
  var linksLength = query.pages.links.length;
  var auxArray = [];
```

```
//This variable represents the number of the titles of the links
which are going to be displayed.
var titlesNumber = 3;

//Here the auxiliary array is filled with all the titles that are
randomly selected

while (auxArray.length < titlesNumber){
    var randLink = query.pages.links[randInt(linksLength)];
    if (!auxArray.includes(randLink)) {
        auxArray.push(randLink);
    }
}

//this foreach is due to the array that contains all the titles
auxArray.forEach(i => {
    doc.textContent += i["title"]; //Here it is supposed to add the
title to the element
});
}
```

11.-