**ITI\_Alex\_PHP\_Q2/ JavaScript**

**Author: Moataz gamal Ashraf**

**Lec 5 Report**

**Abstract Class Vs Interface**

|  |  |  |
| --- | --- | --- |
| compare | Abstract Class | Interface |
| Methods | Can be abstract or not | Only abstract |
| Final variable | Include final – non final variable | Final variable by default |
| Accessibility of data | Public and private | public by default |
| Implementation | The child class chooses whether to implement methods and properties | The child class must implement methods and properties |

**Inheritance in function constructor**

It means that we use the constructor function to inherent from a predefined object and adding new arguments or methods

function Employee(name, age, gender, id) {

this.name = name;

this.age = age;

this.gender = gender;

this.id = id;

};

function Developer(name, age, gender, id, specialization) {

// Calling Employee constructor function

Employee.call(this, name, age, gender, id);

// Adding a new parameter

this.specialization = specialization;

}

console.log(Employee.prototype);

console.log(Developer.prototype);