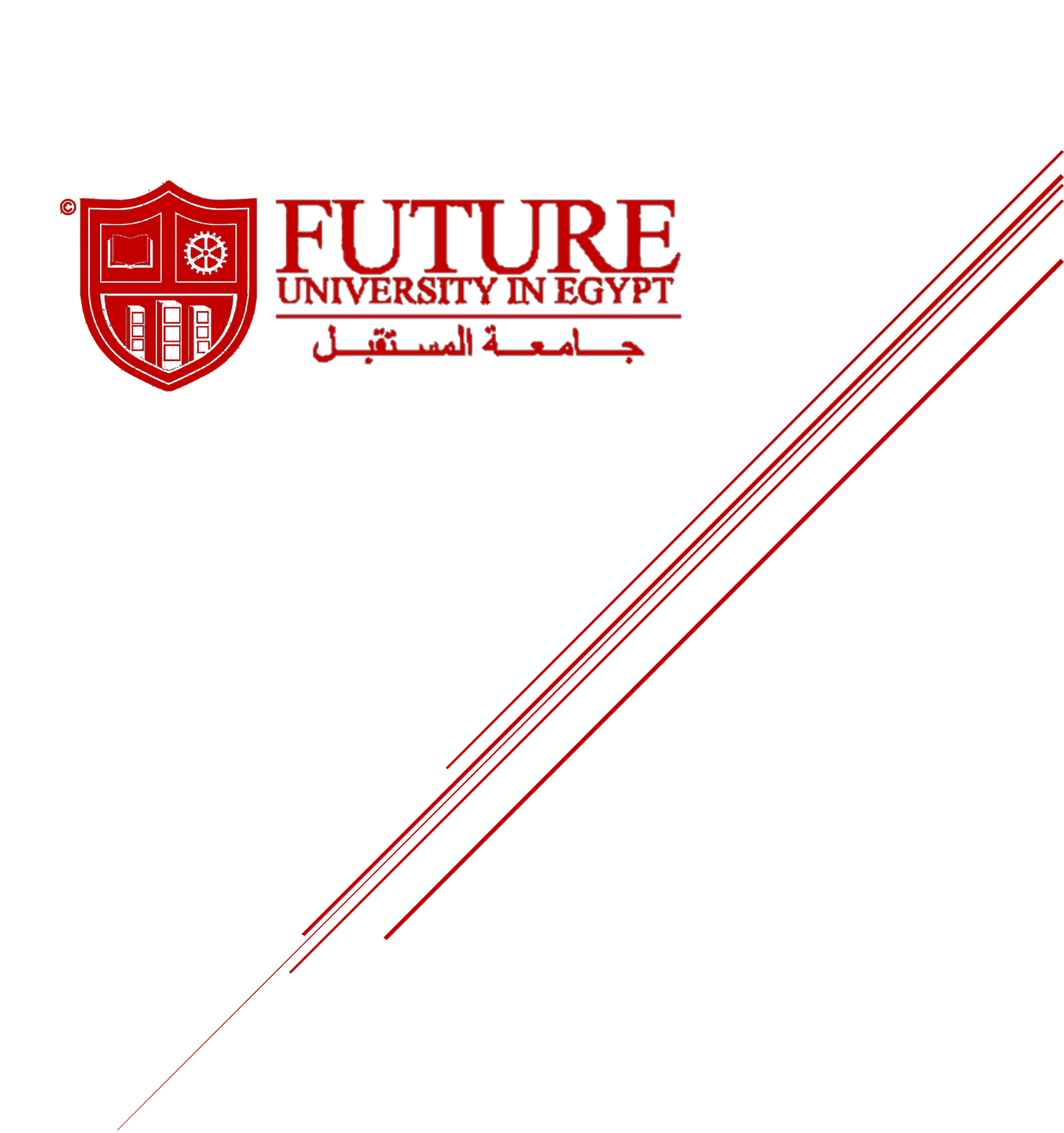
**Faculty Computers & Information Technology**

**[Angular]**



**radwan ibrahim 20183560**

|  |  |
| --- | --- |
| em | rem |
| * related to its direct or nearest parent's font-size * This might result in a compounding impact | * font-size related to the HTML (root) font-size * There is no cumulative effect. |

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| css position   1. A positioned element has a calculated position value that is relative, absolute, fixed, or sticky. 2. A relative positioned element is one with a relative calculated position value. 3. The vertical offset from its usual position is specified by the top and bottom attributes, while the horizontal offset is specified by the left and right properties. 4. An element that is absolutely positioned has a calculated position value that is absolute or fixed. 5. The top, right, bottom, and left attributes provide offsets from the contained block's boundaries. 6. (The contained block is the element's ancestor in relation to which it is positioned.) 7. If there are margins on the element, they are added to the offset. 8. For its contents, the element creates a new block formatting context |

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| --- | --- |
| for | while |
| loops through a block of code until the counter reaches a specified number | loops through a block of code as long as the condition specified evaluates to true. |

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| Objects  In JavaScript, functions may be used to access project methods.  JavaScript functions are stored as property values.  The items can also be referred to without the use of brackets ().  The owner object is referred to as 'this' in a method.  Along with the object method, further information may be supplied. |

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| regular vs arrow function js   * Regular function : This value (also known as the execution context) is dynamic within a standard JavaScript function.   Because of the dynamic context, the value of this is determined by how the function is invoked.  A regular function can be called in four different ways in JavaScript.   * Arrow function : The behaviour of this within an arrow function differs significantly from the behaviour of this within a conventional function.   The arrow function does not have its own execution context. This value within an arrow function always equals this value from the outer function, regardless of how or where it is performed.In other words, the arrow function resolves this lexically   * Constructors : the regular function can easily construct objects.   A consequence of this resolved lexically is that an arrow function cannot be used as a constructo |