 **Sofware Maintenance** 

**Assignment 2**

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Assignment:

Question1:

Why do we study maintenance models in your opinion

**Answer:**

In my opinion, we use these models to improve the quality of maintenance in the system, product, or software, because according to each software, it has a model that suits it more, so we can determine what is appropriate for each software to increase quality, productivity, and work, and reduce risks, time, Human Resource, and effort. We can also determine the extent of the error and determine the possibility of the company so that it is not There are damages, whether to the producing company or the product.

In short, we can identify and manage each of the company's capabilities, quality, time, work, Human Resource, and machines in which maintenance will take place and reduce downtime.

Question2:

What is the quick fix model? What advice would you give when using it?

**Answer:**

The quick fix model is a modified the source code directly without locking to analysis of impact changes and the testing modifications , changes not documented.

My Advice It is preferable not to use this model much except in simple, urgent or necessary cases, because it causes problems in the future because no modification is written down and no thought is given well about the modification that will be made. Therefore, in the future, more problems will occur in terms of effort and cost , Human Resource and time for stopping work a lot, so it will be The cost of alterations is very high.