**Q1. *Suppose a travel agency needs software for automating its bookkeeping activities. The set of activities to be automated are rather simple and are at present being carried out manually. The travel agency has indicated that it is unsure about the type of user interface which would be suitable for its employees and its customers. Would it be proper for a development team to use the spiral model for developing this software? Also, describes briefly the activities going to take place in each phase of the process model with respect to the given task.***

The spiral model could be utilized since; the Travel Agency is uncertain with regards to the item client interface, in the spiral model has iterative nature controlled with a deliberate part of the cascade model. It is likewise a totally hazard-driven cycle and dangers are unequivocally evaluated and settled all through the interaction. It is very reasonable to utilize this model when the advancement of programming requires a transformative methodology, for example, the office needs to make a few updates to programming in the resulting years then this model will be ideal and a better model will be made in an increasing manner.

***Q2. Assume that a software development company is already experienced in developing payroll software and has developed similar software for several customers (organizations). Assume that the software development company has received a request from a certain customer (organization), which was still using manually processing of its pay rolls. For developing a payroll software for this organization, which life cycle model should be used? Justify your answer.***

The software development company is going to take up an agreement in the field in which he has been working for quite a while. The improvement group has worked upon such undertakings already and more likely than not assembled sufficient experience. Hence Water fall model is most suitable for this job. The necessities should be notable to them and should be steady. They will have a great comprehension of innovation being utilized. So, taking into view this large number of conditions I feel the cascade model will be the most appropriate enemy of the product organization. It will be straightforward and useful too. The group will comprehend the achievements well and will achieve an effective task.