**ASSSIGNMENT 1**

**Qn.1:**

SDLC is a process of planning, creating, testing and deploying an information system.

We need SDLC in our software development projects because :-

* It allow developers to analyse the requirement :

Before the developers has not done any activities about his or her projects, the SDLC help to analyse the requirement of that project in term of cost , design and language use .This lead effective planning before starting the actual development.

* It help in reducing unnecessary costs during development:

During the initial phases, developers can estimate the cost and predict costly mistakes

* It enables developers to design and build high quality software product:

The SDLC help project become more quality because they follow a systematic process that allows them to test the software projects before it is rolled out

* It provide effective framework and methods to develop software project:

The SDLC show general view and method used in the developing the software project , this will help the developer to extend methods of design that software project.

**Qn.2:**

Scrum is a better way of building products.

Scrum master is a servant leader and motivator of the team who ensure that the his or her team follow the process that they agreed to follow.

.The following are the roles of scrum master in project :-

* Scrum master support you in making your work accountable

They include those who work in remote area are able to attend and participate in daily meeting and make sure that work does not slow down.

* Scum master provide education and monitor their team

They make sure that all team members are well trained and understand the project .

* Scrum master collaborates both product owner and development team.

They assist all people regarding their level to make sure that the project must be complete effectively.

* Scrum master ensure a good relationship between the team and product owner:

They ensure that all people who participate in project have good relationship regardless his or her level, all are work together to complete the project effectively.