

## **Assignment: SB201**

Q1. What is Tight coupling and loose coupling?

Q2. What Is Spring IOC? Why is it needed?

Q3.

Create a spring project named Drawshapes with which we are able to draw different geometrical shapes. Having classes triangle, circle, cylinder, etc. With a common function draw() in each of them which will print ("You have drawn Triangle") or YOUR\_SHAPE.

Make the main Runner class(main class) from which we can draw any shape we want to, by keeping the classes loosely coupled. And you have to configure spring IOC for dependency injection. Also choose the appropriate type of Dependency injection to use from Setter injection, constructor injection.