**Week 2: Practical examination**

***Total Marks: 50***

The objective of this assignment is to study the behavior of method level annotations during object serialization. Now, please follow below steps:

1. Write a class Employee having fields id, name & salary. Add constructor, getter/setter & toString()
2. Create a custom annotation & apply it on any method of the class Employee.
3. Serialize the employee object.
4. Now, Deserialize the employee object.
5. Apply reflection on deserialized employee object & find out whether method level annotation was also serialized or not.
6. Write a custom checked exception AnnotationNotPersistedException. Throw this exception if annotation is found not persisted during deserialization.
7. Make the change in annotation’s retention policy & find out for which retention policy you annotation is serialized. Write your observation in your program using comments.