Experiment - 4

Class Diagram and Object Diagram

Object Oriented Analysis and Design Lab

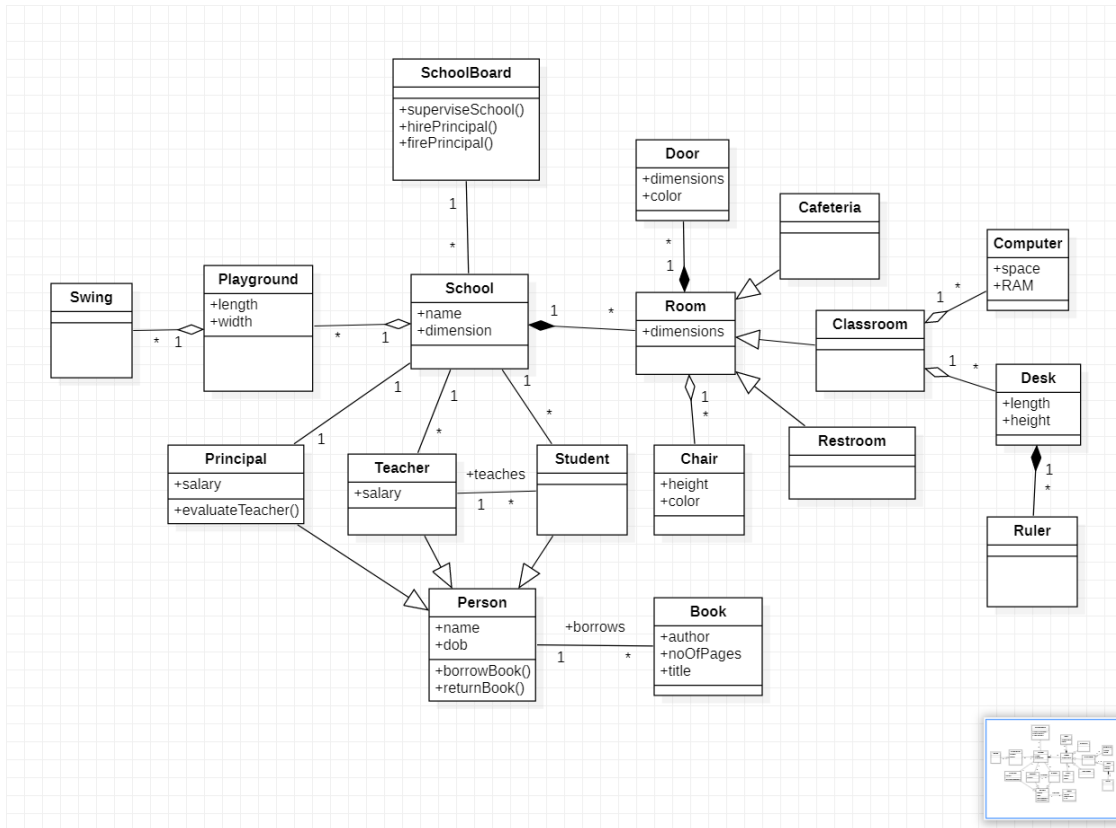**NAME - NEERAJ JOSHI**

ROLL NO - 120

SAP - 500076568
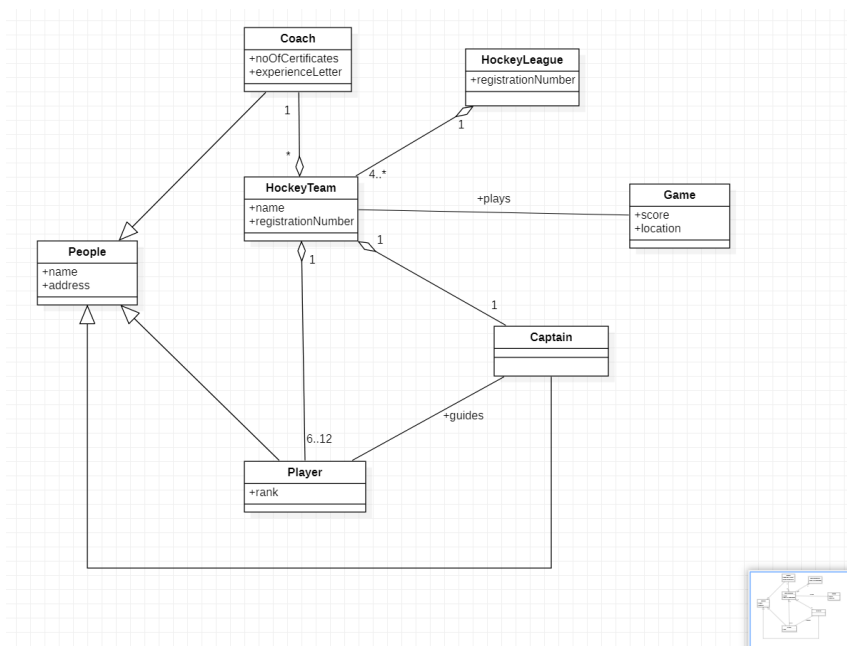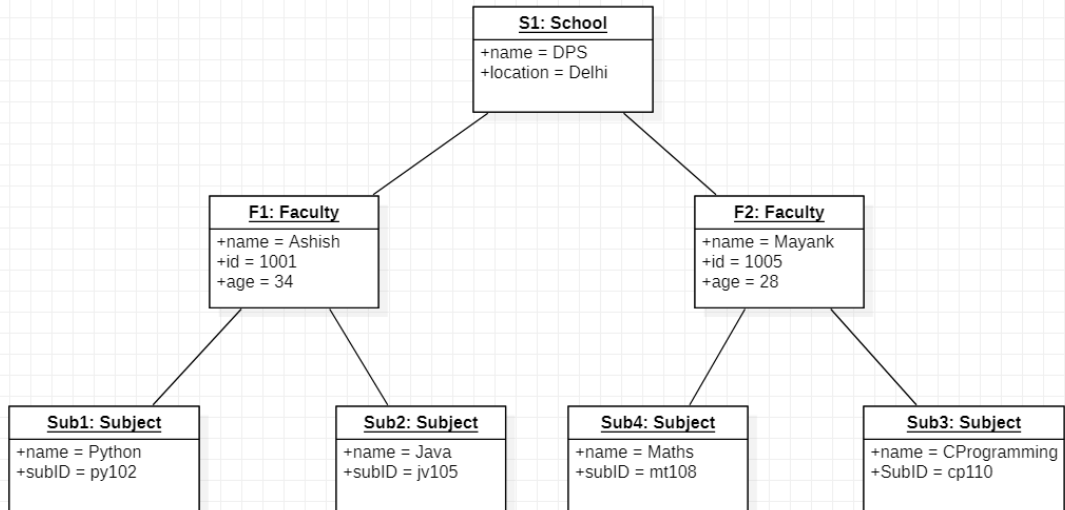
AIML (SEM 5)

BATCH 4

● Class Diagram 1

● Class Diagram 2

● Object Diagram 1

S1: School
+name = DPS
+location = Delhi

F1: Faculty
+name = Ashish
+id = 1001
+age = 34

F2: Faculty
+name = Mayank
+id = 1005
+age = 28

Sub1: Subject
+name = Python
+subID = py102

Sub2: Subject
+name = Java
+subID = jv105

Sub4: Subject
+name = Maths
+subID = mt108

Sub3: Subject
+name = CProgramming
+SubID = cp110

● Object Diagram 2

C1: Country
+name = India
+population

A1: Athlete
+name = Ashish
+age = 26
+id = 1005

S1: Sport
+name = swimming
+noOfPlayers = 10

S2: Sport
+name = Tennis
+noOfPlayers = 4

S3: Sport
+name = Archery
+noOfPlayers = 20