Department of Computer Science and Engineering

29th Batch

Lab Report 3

Course title   : Artificial Intelligence Lab
Course Code   : CSE - 414

Submitted By	Submitted To

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> **Question:** Playing with dimension in python

❖ **Solution(Code):**

```
Student_list = {
   "Student1" : {
      "Name" : "Nahid hasan",
      "Id" : 221311131,
      "CGPA" : 3.85
   },
   "Student2" : {
      "Name" : "Nuhan",
      "Id" : 221311121,
      "CGPA" : 3.95
   },
   "Student3" : {
      "Name" : "Kuhin",
      "Id" : 221311155,
      "CGPA" : 3.91
   },
   "Student4":{
      "Name": "Ripper",
      "ID" : "Confidential",
      "CGPA" : "Unknow",
      "Time_Space" : [
         [
            [
               [10, 20, 30],
               [40,50,60]
            ],
            [
               [100, 200, 300],
               [400, 500, 600]
            ]
         ],
         [
            [
```

```
                    [101, 202, 303],
                    [404,505,606]
                ],
                [
                    [1001, 2002, 3003],
                    [4004, 5005, 6006]
                ]
            ]
        ]
    }
}

print("Time space List(where 2002): "
,Student_list["Student4"]["Time_Space"][1][1][0])
print()

Student_list["Student4"]["Time_Space"][1][1][0].remove(2002)
print("Remove 2002: ",Student_list["Student4"]["Time_Space"][1][1][0])
print()

Student_list["Student4"]["Time_Space"][1][1][0].append(221311131)
print("Add My Id(221311131): ",Student_list["Student4"]["Time_Space"][1][1][0])
```

❖ **Output:**

```
Time space List(where 2002):  [1001, 2002, 3003]

Remove 2002:  [1001, 3003]

Add My Id(221311131):  [1001, 3003, 221311131]
```