

PREFINALS TASK PERFORMANCE 3

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JAVA

```
C: > Users > Gie > OneDrive > Documents > VScode > StudentList.java > StudentList > main(String[])

1  import java.util.Scanner;
2  import java.util.Map;
3  import java.util.HashMap;
4
5  public class StudentList {
6
7      Run | Debug
8      public static void main(String[] args) {
9          Map<String, String> students = new HashMap<>();
10         Scanner as = new Scanner(System.in);
11         String studentNumber, studentName;
12
13         for(int i = 1; i < 3; i++){
14             System.out.print("Enter student number " + i + " : ");
15             studentNumber = as.nextLine();
16             System.out.print("Enter your First name " + i + " : ");
17             studentName = as.nextLine();
18             students.put(studentNumber, studentName);
19         }
20
21         System.out.print("Enter student number 3 : ");
22         studentNumber = as.nextLine();
23         System.out.print("Enter your First name 3: ");
24         studentName = as.nextLine();
25         students.put(studentNumber, studentName);
26
27         System.out.println("\n Student List : \n");
28         for(Map.Entry entry: students.entrySet()){
29             System.out.println(entry.getKey() + " " + entry.getValue());
30         }
31
32         students.remove(studentNumber, studentName);
33
34         System.out.print("Enter your student number: ");
35         studentNumber = as.nextLine();
36         System.out.print("Enter your Firstname : ");
37         studentName = as.nextLine();
38         students.put(studentNumber, studentName);
39
40         System.out.println("\n Student List : \n");
41         for(Map.Entry entry: students.entrySet()){
42             System.out.println(entry.getKey() + " " + entry.getValue());
43         }
44     }
45 }
46
```

PYTHON

```
1  students = {}
2
3  for i in range(1, 4):
4      studentNumber = input("Enter student number " + str(i) + " : ")
5      studentName = input("Enter First name " + str(i) + " : ")
6      students[studentNumber] = studentName
7
8  print("Student List: ")
9  for s, t in students.items():
10     print(s, t)
11
12  del students [studentNumber]
13  studentNumber = input("Enter student number : ")
14  studentName = input("Enter First name : ")
15  students[studentNumber] = studentName
16
17  print("Student List : ")
18  for s, t in students.items():
19     print(s, t)
```

OUTPUT:

JAVA

```
Enter student number 1 : 2018-004
Enter your First name 1 : Mark
Enter student number 2 : 2018-0177
Enter your First name 2 : Nika
Enter student number 3 : 2015-658
Enter your First name 3: Sam
```

Student List :

```
2018-004 Mark
2015-658 Sam
2018-0177 Nika
Enter your student number: 2015-658
Enter your Firstname : Sammy
```

Student List :

```
2018-004 Mark
2015-658 Sammy
2018-0177 Nika
PS C:\Users\Gie> █
```

PYTHON:

```
Enter First name 1 : mark
Enter student number 2 : 2018-0177
Enter First name 2 : Nika
Enter student number 3 : 2015-658
Enter First name 3 : Sam
Student List:
2018-004 mark
2018-0177 Nika
2015-658 Sam
Enter student number : 2015-658
Enter First name : Sammy
Student List :
2018-004 mark
2018-0177 Nika
2015-658 Sammy
```