

**Department of Computer Science**

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**OOP Assignment: 01**

**ASSIGNMENT**

**You are searching for a department in a university and you’re asked to select a school from a choice of three schools**

**namely:**

**School of Arts**

**School of Business**

**School of Engineering**

**Having selected a school you are again provided with a list of departments that fall under the department namely:**

**School of Arts**

**Department of finearts**

**Department of sketcharts**

**School of Business**

**Department of Commerce**

**Department of purchasing**

**School of Engineering**

**CSE**

**ECE**

**The initial choices for Computer Science, Business and Engineering schools would be inside as a set of switch**

**statements. Then various departments would then be listed within inner switch statements beneath their respective**

**schools.**

**Source Code:**

**import java.util.Scanner;**

**class OopAssignment\_01 {**

**public static void main(String args[]) {**

**System.out.println("\n--------------| OOP Assignment 01 |-------------\n");**

**Scanner input = new Scanner(System.in);**

**int school, dept;**

**System.out.println("1 - School of Arts\n2 - School of Business\n3 - School of Engineering\n");**

**System.out.print(">> ");**

**school = input.nextInt();**

**switch(school) {**

**case 1:**

**System.out.println("1 - Department of Finearts\n2 - Department of Sketcharts");**

**System.out.print(">> ");**

**dept = input.nextInt();**

**switch(dept) {**

**case 1:**

**System.out.println("You have choosen Department of Finearts");**

**break;**

**case 2:**

**System.out.println("You have choosen Department of Sketcharts");**

**break;**

**default:**

**System.out.println("Invalid Choice! :(");**

**}**

**break;**

**case 2:**

**System.out.println("1 - Department of Commerce\n2 - Department of Purchasing");**

**System.out.print(">> ");**

**dept = input.nextInt();**

**switch(dept) {**

**case 1:**

**System.out.println("You have choosen Department of Commerce");**

**break;**

**case 2:**

**System.out.println("You have choosen Department of Purchasing");**

**break;**

**default:**

**System.out.println("Invalid Choice! :(");**

**}**

**break;**

**case 3:**

**System.out.println("1 - Department of CSE\n2 - Department of ECE");**

**System.out.print(">> ");**

**dept = input.nextInt();**

**switch(dept) {**

**case 1:**

**System.out.println("You have choosen Department of SCE");**

**break;**

**case 2:**

**System.out.println("You have choosen Department of ECE");**

**break;**

**default:**

**System.out.println("Invalid Choice! :(");**

**}**

**break;**

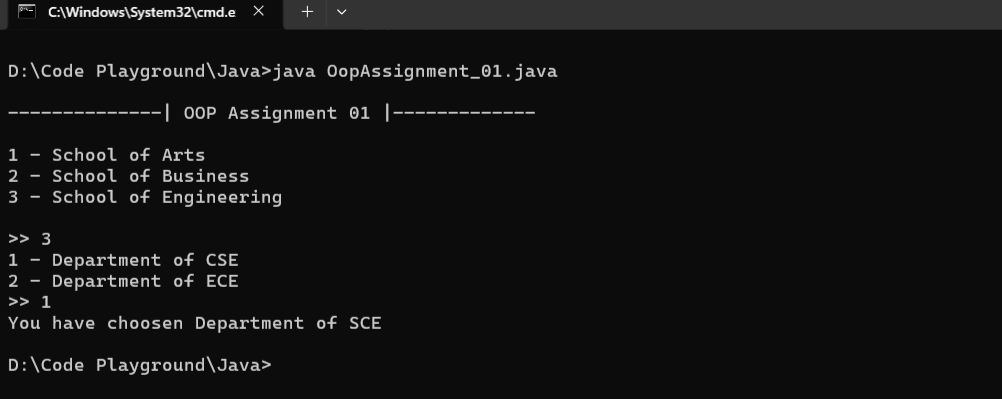
**default:**

**System.out.println("Invalid Choice! :(");**

**}**

**}**

**OUTPUT:**

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