

CS163 Exam 2 Study Guide Answers - Spring 2017

March 27, 2017

1 Written

- `int board[] [] = new int[4][4];`
- `for (int row = 0; row < board.length; row++){
 for (int col = 0; col < board[row].length; col++){
 board[row][col] = 1;`
- `board[0][1] = 2;`
- `for (int row = 0; row < board.length; row++){
 for (int col = 0; col < board[row].length; col++){
 System.out.print(board[row][col]);
 System.out.println(); // used to get grid format
 }
}`
- `Student student0 = new Student ("007", "James Bond");`
- `Student student1 = new Student ("008", "Jr Bond");`
- `Student [] OverAchievers = {student0, student1};`
- `Scanner keys = new Scanner (System.in);`
- `if (year == 1970)
 System.out.println(" history is cool");
else if (year == 1980)
 System.out.println("Era of Hippies!");
else if (year == 1990)
 System.out.println(" Cassette Tapes!");
else if (year == 2000)
 System.out.println(" iPhone's begin their take over...");
else if (year == 2010)
 System.out.println("US wished Queen Elizabeth II happy birthday on th`

```
else
    System.out.println("Huh, I'm not sure what to say");

switch (year){
case 1970: System.out.println("history is cool"); break;
case 1980: System.out.println("Era of Hippies!"); break;
case 1990: System.out.println("Cassette Tapes!"); break;
case 2000: System.out.println("iPhone's begin their take over..."); break;
case 2010: System.out.println("US wished Queen Elizabeth II happy birthday"); break;
default: System.out.println("Huh, I'm not sure what to say"); break;
}
```

10. Roses are red, violets are blue,...

12. ar

2 Tracing

```
//1
Make: Ford Model: Coupe Year: 1936 Nickname: Doc Hudson Mileage: 150000.0
//2
1950
//3
Lightning McQueen
Tow Mater
Doc Hudson
Mack
```