Introduction to C++ for DSA

Module 3.5: Practice Day 02

(Codeforces Links and Practice Questions)

Topics:

1. Basic C++
2. Class and Object

Codeforces Problem Links:

1. [V. Comparison](#)
2. [W. Mathematical Expression](#)
3. [G. Palindrome Array](#) (solve using two pointer's technique)
4. [I. Smallest Pair](#) (solve using min() function)
5. [O. Sort String](#) (solve using sort() function)
6. [H. Sorting](#) (solve using sort() function)

Question: Create three static objects with the help of the constructor of the following class.

Student
{

    name;
    roll;
    section;
    math_marks;
    cls;

}

Then compare those 3 objects and print who got the highest math_marks and print his/her name.

Practice Problem 2

Question: Create a dynamic object named **dhoni** of the following class. Don't use a constructor here, that means you need to fill the data by yourself.

Cricketer
{
    jersey_no;
    country;
}

Then make another dynamic object named **kohli** and copy the data of the dhoni object to kohli and after that delete the dhoni object. Then print the jersey_no and country of **kohli** object.

Note: At first try to do this, **kohli=dhoni** and see if it gives the correct output. If not, then think deeply why it didn't work and try to copy the data manually like **kohli->jersey_no=dhoni->jersey_no;**