

Q1 Complete the code”:

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```
package Feb2;
class CPU {
    double price;

    // nested class
    class Processor {

        // members of nested class
        double cores;
        String manufacturer;

        double getCache() {
            return 4.3;
        }
    }

    // nested protected class
    protected class RAM {

        // members of protected nested class
        double memory;
        String manufacturer;

        double getClockSpeed() {
            return 5.5;
        }
    }
}

public class Q1 {
    public static void main(String[] args) {
        CPU cpu = new CPU();
        CPU.Processor processor = cpu.new Processor();
        CPU.RAM ram = cpu.new RAM();
        System.out.println(" Cache = " + processor.getCache());
        System.out.println("Ram Clock = " + ram.getClockSpeed());
    }
}
```

Explanation:- in main class 1st we create object of outer class CPU then create object of inner class processor using outer class and at the last object of inner class ram using other class cpu.the we call getCache() and getClockSpeed() of the respective obj.

Output:

Cache = 4.3 Ram Clock = 5.5
