4.Finding Sum and average of student marks

Main class:

**package** com.cap;

**public** **class** Student {

**public** **static** **void** sumavg(**int** x,**int** y,**int** z) {

**int** sum=x+y+z;

**int** avg=sum/3;

System.***out***.println("Sum is " +sum);

System.***out***.println("Average is "+avg);

}

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

Subject s=**new** Subject(50,60,70);

Subject s1=**new** Subject(55,65,75);

Subject s2=**new** Subject(65,75,85);

System.***out***.println("The Sum and Average of Student 1");

s.sum();

s.avg();

System.***out***.println("The Sum and Average of Student 2");

s1.sum();

s1.avg();

System.***out***.println("The Sum and Average of Student 3");

s2.sum();

s2.avg();

System.***out***.println();

System.***out***.println("Sum and average of subject A is ");

*sumavg*(s.sub1,s1.sub1,s2.sub1);

System.***out***.println("Sum and average of subject B is ");

*sumavg*(s.sub2,s1.sub2,s2.sub2);

System.***out***.println("Sum and average of subject C is ");

*sumavg*(s.sub3,s1.sub3,s2.sub3);

}

}

Subject class:

**package** com.cap;

**public** **class** Subject {

**int** sub1;

**int** sub2;

**int** sub3;

**public** Subject(**int** sub1, **int** sub2, **int** sub3){ //Syntax to create Constructor. its name should be same as class name

**this**.sub1=sub1; //this is use to specify the object in use(current obj). can be obj1, obj2,....

**this**.sub2=sub2;

**this**.sub3=sub3;

}

**void** sum() {

System.***out***.println("SUM: "+(**this**.sub1+**this**.sub2+**this**.sub3));

}

**void** avg() {

System.***out***.println("Average: "+(**this**.sub1+**this**.sub2+**this**.sub3)/3);

}

}