**Constructor**

**package** com.zukun.java;

**import** java.util.Scanner;

**public** **class** ParameterizedConstructor {

**private** **static** Scanner *sc*;

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

Student stu=**new** Student(01,"Yazh",90,85,96,89,0,0);

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

System.***out***.println("Enter the mark");

**int** e=*sc*.nextInt();

System.***out***.println("Enter the Tamil mark");

**int** f=*sc*.nextInt();

System.***out***.println("Enter the English mark");

**int** g=*sc*.nextInt();

Student st=**new** Student(01,"Yazh",90,85,96,e,f,g);

**int** x=stu.totalMark();

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

**float** y=stu.medCutOff();

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

**float** z=stu.engCutOff();

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

**int** m=st.totalMark();

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

**float** n=st.medCutOff();

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

**float** o=st.engCutOff();

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

}

}

**class** Student {

**int** idNo;

String name;

**int** phyMark;

**int** cheMark;

**int** bioMark;

**int** mathMark;

Student(**int** idNo, String name, **int** phyMark, **int** cheMark, **int** bioMark, **int** mathMark, **int** engmark, **int** tamMark){

**this**.idNo=idNo;

**this**.name=name;

**this**.phyMark=phyMark;

**this**.cheMark=cheMark;

**this**.bioMark=bioMark;

**this**.mathMark=mathMark;

}

**int** totalMark() {

**return** phyMark+cheMark+bioMark+mathMark;

}

**float** medCutOff() {

**return** (phyMark+bioMark+cheMark)/4;

}

**float** engCutOff() {

**return** (mathMark+phyMark+cheMark)/3;

}

}

Method

**package** com.zukun.java;

**import** java.util.Scanner;

**public** **class** ParameterizedConstructor {

**private** **static** Scanner *sc*;

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

Student stu=**new** Student();

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

System.***out***.println("Enter the mark");

**int** e=*sc*.nextInt();

System.***out***.println("Enter the Tamil mark");

**int** f=*sc*.nextInt();

System.***out***.println("Enter the English mark");

**int** g=*sc*.nextInt();

Student st=**new** Student();

**int** x=stu.totalMark(01,"Yazh",90,85,96,e,f,g);

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

**float** y=stu.medCutOff(01,"Yazh",90,85,96,e,f,g);

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

**float** z=stu.engCutOff(01,"Yazh",90,85,96,e,f,g);

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

**int** m=st.totalMark(01,"Yazh",90,85,96,e,f,g);

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

**float** n=st.medCutOff(01,"Yazh",90,85,96,e,f,g);

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

**float** o=st.engCutOff(01,"Yazh",90,85,96,e,f,g);

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

}

}

**package** com.zukun.java;

**class** Student {

**int** idNo;

String name;

**int** phyMark;

**int** cheMark;

**int** bioMark;

**int** mathMark;

**public** **int** totalMark(**int** idNo, String name, **int** phyMark, **int** cheMark, **int** bioMark, **int** mathMark, **int** engmark, **int** tamMark){

**this**.idNo=idNo;

**this**.name=name;

**this**.phyMark=phyMark;

**this**.cheMark=cheMark;

**this**.bioMark=bioMark;

**this**.mathMark=mathMark;

**return** phyMark+cheMark+bioMark+mathMark;

}

**public** **float** medCutOff(**int** idNo, String name, **int** phyMark, **int** cheMark, **int** bioMark, **int** mathMark, **int** engmark, **int** tamMark) {

**return** (phyMark+bioMark+cheMark)/4;

}

**public** **float** engCutOff(**int** idNo, String name, **int** phyMark, **int** cheMark, **int** bioMark, **int** mathMark, **int** engmark, **int** tamMark) {

**return** (mathMark+phyMark+cheMark)/3;

}

}