**import** java.util.Scanner;

**public** **class** AverageGrade {

/\*\*

\* **@param** args

\*/

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

**int** num\_grade=0;

**double** grade,sum\_grade=0,average\_grade;

String answer;

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

System.*out*.println("Enter grade of students for multiple exam");

**do** {

System.*out*.println("Enter grade");

grade = input.nextDouble();

**while**(grade >0) {

sum\_grade+=grade;

num\_grade++;

System.*out*.println("Enter grade");

grade = input.nextDouble();

}

average\_grade = sum\_grade/num\_grade;

System.*out*.println("Total grade"+sum\_grade);

System.*out*.println("Average grade"+average\_grade);

System.*out*.println("would you want to enter grade for next exam");

answer = input.next();

}**while**(answer.equalsIgnoreCase("yes"));

}

}

**import** java.util.Scanner;

**public** **class** RectangleClass {

**public** **int** length;

**public** **int** width;

**public** **void** read() {

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

System.*out*.println("Enter Length and width of Rectangle");

length = x.nextInt();

width = x.nextInt();

}

**public** **int** Calculate() {

**int** Ar;

Ar = length \* width;

**return** Ar;

}

**public** **void** Display()

{

System.*out*.println("Length "+length);

System.*out*.println("Width "+width);

System.*out*.println("Area "+Calculate());

}

}

**import** java.util.Scanner;

**public** **class** RectangleClass\_Test {

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

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

**int** Ar, Pr;

RectangleClass R1 = **new** RectangleClass();

System.*out*.println("Enter Length and width of Rectangle");

R1.length = input.nextInt();

R1.width = input.nextInt();

Ar =R1.length\*R1.width;

Pr = 2\*(R1.length + R1.width);

System.*out*.println("Area of Rectangle "+Ar+" and Perimeter is "+Pr);

RectangleClass R2 = **new** RectangleClass();

R2.read();

R2.Calculate();

R2.Display();

}

}