public class Main {  
 public static void main(String[] args) {  
 int num = 10;  
 if (num % 2 == 0) {  
 System.*out*.println("even");  
 } else {  
 System.*out*.println("odd");  
 }  
 int a = 10;  
 int b = 5;  
 int c = 2;  
 if (a > b) {  
 System.*out*.println("The largest number is " + a);  
 } else{  
 if (a > c) {  
 System.*out*.println("The largest number is " + a);  
 } else {  
 if (b > a) {  
 System.*out*.println("The largest number is " + b);  
 } else if (c > a) {  
 System.*out*.println("The largest number is " + c);  
 }  
 }  
 }  
 int grade = 75;  
 if (grade >= 90 && grade <= 100) {  
 System.*out*.println("The grade " + grade + " is an A." );  
 }  
 else if (grade >= 80 && grade <= 89) {  
 System.*out*.println("The grade " + grade + " is an B." );  
 }  
 else if (grade >= 70 && grade <= 79) {  
 System.*out*.println("The grade " + grade + " is an C." );  
 }  
 else if (grade >= 60 && grade <= 69) {  
 System.*out*.println("The grade " + grade + " is an D." );  
 }  
 else {  
 System.*out*.println("The grade " + grade + " is an F." );  
 }  
int num1 = 20;  
int num2 = 10;  
char operand = '-';  
switch (operand) {  
 case '+': System.*out*.println(num1 + num2); break;  
 case '-': System.*out*.println(num1 - num2); break;  
 case '\*': System.*out*.println(num1 \* num2); break;  
 case '/': System.*out*.println(num1 / num2); break;  
 default: System.*out*.println("Goodbye");  
}  
 System.*out*.println("Invalid input!");  
 System.*out*.println("Goodbye!");  
}  
  
  
  
}