1. Find out the Maximum value from three integer numbers A, B and C.
2. import java.util.Scanner;
3. public class maxnum {
4. public static void main(String[] args) {
5. Scanner er = *new* Scanner(System.in);
6. System.out.println("Please insert your 1st number ");
7. int de = er.nextInt();
8. System.out.println(" insert your 2nd number ");
9. int ne = er.nextInt();
10. System.out.println(" insert your 3rd number ");
11. int kha = er.nextInt();
12. int max = Math.max(de ,Math.max(ne, kha));
13. System.out.println("Maximux number is "+max);
14. }
15. }

06 : Create a grading system that will display the grade of your obtained mark.

import java.util.Scanner;

public class grade\_values {

    public static void main(String[] args) {

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

        System.out.println("Enter your obtained marks (4.00 to 0.00):");

        float grade = mark.nextFloat();

*if* (grade >= 3.76 && grade <= 4.00) {

            System.out.println("80% and above\nYour grade is A+ (Outstanding) : " + grade);

        }

*else* *if* (grade >= 3.51 && grade <= 3.75) {

            System.out.println("75% less than 80%\nYour grade is A (Excellent) : " + grade);

        }

*else* *if* (grade >= 3.26 && grade <= 3.50) {

            System.out.println("70% less than 75%\nYour grade is A- (Very Good) : " + grade);

        }

*else* *if* (grade >= 3.01 && grade <= 3.25) {

            System.out.println("65% less than 70%\nYour grade is B+ (Good) : " + grade);

        }

*else* *if* (grade >= 2.76 && grade <= 3.00) {

            System.out.println("60% less than 65%\nYour grade is B (Satisfactory) : " + grade);

        }

*else* *if* (grade >= 2.51 && grade <= 2.75) {

            System.out.println("55% less than 60%\nYour grade is B- (Above Average) : " + grade);

        }

*else* *if* (grade >= 2.24 && grade <= 2.50) {

            System.out.println("50% less than 55%\nYour grade is C+ (Average) : " + grade);

        }

*else* *if* (grade >= 2.01 && grade <= 2.25) {

            System.out.println("45% less than 50%\nYour grade is C (Below Average) : " + grade);

        }

*else* *if* (grade >= 1.50 && grade <= 2.00) {

            System.out.println("40% less than 45%\nYour grade is D (Pass) : " + grade);

        }

*else* {

            System.out.println("Below 40%\nYour grade is F (Fail) : " + grade);

        }

    }

}

07. Check whether the input is an Alphabet or a digit or a Special Character. If

Alphabet then check whether it is Vowel or Consonant.

import java.util.Scanner;

public class vowel{

    public static void main(String[] args) {

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

            System.out.println("Please Insert your desire one character");

            char nal = col.next().charAt(0);

*if*(nal=='a'||nal=='e'||nal=='i'||nal=='o'||nal=='u'){

                System.out.printf(" %c is a smaller letter vowel",nal);

            }

*else* *if*(nal=='A'||nal=='E'||nal=='I'||nal=='O'||nal=='U'){

                System.out.printf(" %c is a Capital letter vowel",nal);

            }

*else* *if*(nal=='b'||nal=='c'||nal=='d'||nal=='f'||nal=='g'||nal=='h'||nal=='i'||nal=='j'||nal=='k'||nal=='l'||nal=='m'||nal=='n'||nal=='o'||nal=='p'||nal=='q'||nal=='r'||nal=='s'||nal=='t'||nal=='v'||nal=='w'||nal=='x'||nal=='y'||nal=='z'){

                System.out.printf("%c a consonent smaller letter",nal);

            }

*else* *if* (nal == 'B' || nal == 'C' || nal == 'D' || nal == 'F' || nal == 'G' || nal == 'H' || nal == 'I' || nal == 'J' || nal == 'K' || nal == 'L' || nal == 'M' || nal == 'N' || nal == 'O' || nal == 'P' || nal == 'Q' || nal == 'R' || nal == 'S' || nal == 'T' || nal == 'V' || nal == 'W' || nal == 'X' || nal == 'Y' || nal == 'Z') {

                System.out.printf("%c is a Capital letter consonant%n", nal);

            }

*else*{

            System.out.println("You've inserted wrong input");

        }

    }

}