7. Enter the input value, one at a time: A, q, P, s, x and state its corresponding output.

```
public static void main(String str[]) {
        char  input = str[0].charAt(0);
        int   a = 100, b = 5;
        System.out.println("Input–> " + input);
        switch (Character.toUpperCase(input)) {
                case 'A': System.out.println("Result–> "+ (a + b) ); break;
                case 'S': System.out.println("Result–> "+ (a - b) ); break;
                case 'P': System.out.println("Result–> "+ (a * b) ); break;
                case 'Q': System.out.println("Result–> "+ (a /  b) ); break;
                default: System.out.println("Illegal input");
        } // end switch
} // end main
```

8.Enter the input values: 2350 1010 and state its output.

```
public static void main(String str[]) {
        int x = Integer.parseInt(str[0]);
        int y = Integer.parseInt(str[1]);
        int hold;
        System.out.println("Input –>  "+ x + "," + y);
        if (x > y) {
                hold = x;
                x = y;
                y = hold;
        }
        System.out.println("The smaller input –>  " + x);
} // end main
```

9. Modify the program (#8) so that the user may enter two characters and get its output.

10. Modify the program (#8) so that the user may enter two strings and get its output.

11. Write a program that allows the user to enter his/her name followed by three marks. The program will calculate the average of the three marks and return a message: "Outstanding" for an average above 80 %, "Good Work" for an average between 60 % and 80 % and "Do better next time" for an average below 60 %.

    Sample output:
    Joe Blow 50   60   90
    Average   67   – Good Work