1) Store 275 in a string variable. [ICSE 2007]

String s = "275";

2) Convert the string s="275" into numeric value. [ICSE 2007]

int n = Integer.parseInt(s);

3) Write the output of the following [ICSE 2008]
   a) System.out.println("five " + 5+2);
   b) System.out.println("five "+(3+2));
4) Differentiate between .equals( ) and ==  . [ ICSE2008]

.equals is a library function where as == is a relational operator. .equals() checks equality between two strings where as == checks equality between two primitive type values.
Both returns boolean data type e.g either true or false.

5) If String x=”computer” and String y=”application”
Write the output. [ICSE 2008]

a) System.out.print(x.equals(y))
b) System.out.println(x.charAt(4));
c) System.out.println(x.substring(1,5));
d) System.out.println(y+x.substring(5));

Output:

a) false
b) u

c) ompu

d) applicationter
6) Write java statement to input following from the user. [ICSE 2008]
   a) A character
   b) A String

   a) Scanner in = new Scanner (System.in);
      character ch= in.next().charAt(0);

   b) Scanner in =new Scanner(System.in);
      String s=in.nextLine();

7) Write the output of the following: [ICSE 2011]
   (i) System.out.println (Character.isUpperCase(‘R’));
   (ii) System.out.println(Character.toUpperCase(‘a’));

   Ans. (i) true
   (ii) A

8) Find and display the position of the letter ‘C’ in a string s.
   String S= “ABCDEF”;

   Ans : System.out.println(s.indexOf(‘c’));
Program:

1.) Input a word in upper case and print all the letters in alphabetical order

```java
class alphabetical {
    public static void main(String s) {
        s = s.toUpperCase();
        int i, l = 0, j;
        char c = 'a', p = 'a';
        l = s.length() - 1;
        for (i = 65; i <= 90; i++)
            { c = (char) i;
              for (j = 0; j <= l; j++)
                { p = s.charAt(j);
                  if (c == p)
                    { System.out.print(c); }
                }
            }
    }
}
```
2. Input a line of text and print each word along with number of letters present in the word.

Input: He is going

Output:

He 2
is 2
going 5

class display
{
    public static void main(String s)
    {
        s=s+" ", 

        int i, l=0,n=0;
        String T="";
        char c='';
l=s.length()-1;

        for(i=0;i<=l;i++)
        {
            c=s.charAt(i);

            if(c!='')
            {
                T=T+c;
                n++;
            }
        }
else
{
    System.out.println(T+" "+n);
    T="";
    n=0;
}
}