Sum of Sequence using control structures

1. Write programs to find the sum of the following series:
   i. 1+1/3+1/5……1/99
   ii. 1+1/2+1/4+…….1/100
   iii. 1+1/4+1/8+…….1/100
   iv. 1/2+2/3+3/4+…….99/100
   v. 1/1!+2/2!+3/3!……n
   vi. 1/3!+5/4!+9/5!……n
   vii. $1^2 + 2^2 + 3^2$+……n^2
   viii. 1/x + 1/x^2 + 1/x^3……n
   ix. 1+3+5+7+……n
   x. 2+4+6+8+10+……n
   xi. $x+x^1+x^2+x^3$+……x^N

For Q#1 - Programs i-iv should be done in one Java program and Programs v-xi should be done in another Java program

2. Write a program for following series. Number of steps inputs ask form user.
   SUM =12-32+52-72+…..

3. Write a program to generate following series:-
   A C E G I…… character