1.Write 3 different java programs to print the following patterns

                a) 1

                   12

                   123

                   12345

Ans:

for (int i = 1; i <= 5; i++) {

for (int j = 1; j <= i; j++) {

System.out.print(j);

}

System.out.println();

}

b)

54321

5432

543

54

5

Ans:

for(int i = 5; i >= 1; i--){

int num = 5;

for(int j = i; j >= 1; j--){

System.out.print(num);

num --;

}

System.out.println();

}