16 Java program to display the given integer in the reverse order

Enter an integer:

547 745

```
Writing the algorithm for reversing the digits of a number and also drawing the flowchart.

Suppose the number n = 5243, initially rev = 0
                                                                                                                          0 4
                   Repeatedly perform till n=0
                            digit = n % 10
                              rev = rev * 10 + digit
                              n = n/10
                   digit = 5243 % 10 = 3 //
rev= 0 * 10 + 3 = 3 //
                   n= 5234/10 = 524
                                                                             20
                       t = 524 % 10 = 4 /
                   rev = 3 * 10 + 4 = 34
                  m= 524/10 = 52
                                                                                        -> Hemaindur
                   digit = 52%10 = 2 //
                   rev = 34 *10 +2 = 342
                   n=52/10 = 5
                   digit = 5 % 10 = 5
rev = 342 *10 +5 = 3425 //
                   n= 5/10 = 0
                                                             Hen =
                                 since n=0, STOP
  ▶ ▶1 ¾3
                                                                                                                O 🖴 💠 #
```