

6)Program to reverse a string and number

```
package reverse_string_number;
import java.util.Scanner;
/**
 *
 * @author MARTIN ABRAHAM
 */
public class Reverse_string_number {

    /**
     * @param args the command line arguments
     */
    public static void main(String[] args) {
        // TODO code application logic here
        Scanner obj=new Scanner(System.in);
        System.out.println("enter a string");
        String str=obj.nextLine();
        String nstr="";
        char ch;

        for (int i=0; i<str.length(); i++)
        {
            ch= str.charAt(i);
            nstr= ch+nstr;
        }
        System.out.println("Reversed word: "+ nstr);

        System.out.println("enter a number");
        int number=obj.nextInt();
        int reverse = 0;
        while(number != 0)
        {
            int remainder = number % 10;
            reverse = reverse * 10 + remainder;
            number = number/10;
        }
        System.out.println("The reverse of the given number is: " + reverse);

    }

}
```

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        for (int i=0; i<str.length(); i++)
        {
            ch= str.charAt(i);

```

Applications Output - reverse_string_number (run) X

```
run:
enter a string
martin
Reversed word: nitram
enter a number
12345
The reverse of the given number is: 54321
BUILD SUCCESSFUL (total time: 16 seconds)
```