1. Write a program to reverse the String (use char[] or String built in method)

**package** com.ust.test;

**import** java.lang.\*;

**import** java.io.\*;

**import** java.util.\*;

**class** ReverseString {

**public** **static** **void** main(String[] args) {

String input="Gouri";

**char**[] try1=input.toCharArray();

**for**(**int** i= try1.length - 1; i >= 0; i--)

System.***out***.print(try1[i]);

}

}

**Output:**

iruoG

1. Write programs to depict the usage of contains(), length(), replace(), concat(), equals()

* **Contains()**

**package** com.ust.test;

**public** **class** Contains {

**public** **static** **void** main(String[] args) {

String s1="My name is Gouri";

//true

System.***out***.println(s1.contains("name"));

//false

System.***out***.println(s1.contains("Your"));

}

}

**Output:**

true

false

* **length()**

**package** com.ust.test;

**public** **class** Length {

**public** **static** **void** main(String[] args) {

String s1="Gouri";

String s2="Nandana";

System.***out***.println("String length is:"+s1.length());

System.***out***.println("String length is:"+s2.length());

}

}

**Output:**

String length is:5

String length is:7

* **Replace()**

**package** com.ust.test;

**public** **class** Replace {

**public** **static** **void** main(String[] args) {

String s1="My name is gouri";

String replaceString=s1.replace('g','e');

System.***out***.println(replaceString);

}

}

**Output:**

My name is eouri

* **Concat()**

**package** com.ust.test;

**public** **class** concat {

**public** **static** **void** main(String[] args) {

String s1=("A good book");

s1.concat(" is an event");

System.***out***.println(s1);

s1=s1.concat(" is an event in my life");

System.***out***.println(s1);

}

}

**Output:**

A good book

A good book is an event in my life

* **Equals()**

**package** com.ust.test;

**public** **class** Equals {

**public** **static** **void** main(String args[]){

String s1="Gouri";

String s2="Gouri";

String s3="GOURI";

String s4="Nandana";

System.***out***.println(s1.equals(s2));

System.***out***.println(s1.equals(s3));

System.***out***.println(s1.equals(s4));

}

}

**Output:**

true

false

false