

**Example 1:**

- Create a new function named "modify" that takes a string as input and returns a new string with all a's removed from input string

```

1 public String modify(String str)           //return type String
2 {
3     int len = str.length();
4     String newStr = "";
5     for(int i = 0; i < len; i++)
6     {
7         char ch = str.charAt(i);
8         if(ch != 'a')                     //removing a
9         {
10            newStr = newStr + ch;
11        }
12    }
13    return newStr;                       //value/output returned
14 }
```

- Create a function modifyArray() that takes an array of string as input. Use the function modify() to modify all the strings in input array. Print modified array values.

```

1 public void modifyArray(String[] arr)
2 {
3     int len = arr.length;
4
5     for(int i = 0; i < len; i++)
6     {
7         String element = arr[i];
8         arr[i] = modify(element);
9         System.out.println(arr[i]);
10    }
11 }
```

Function Call	Output
modifyArray({"noida", "bcd", "aba"})	noid bcd b

**Problem 1**

Read the function below and give return value of function calls given after.

```

1 public String fun1(String str)
2 {
3     int len = str.length();
4     String zstr = str;
5
6     for(int i = 0; i < len; i++)
7     {
8         char ch = str.charAt(i);
9     }
```

```
10         if(ch == 'b')
11         {
12             zstr = zstr + "x";
13         }
14     }
15     return zstr;
16 }
```

**Return value when:**

```
fun1("good")
fun1("bad")
fun1("bomby")
```

**Problem 2**    Read the function below and give output of function calls given after.

```
1  public void fun2(String[] arr)
2  {
3      int len = arr.length;
4
5      for(int i = 0; i < len; i++)
6      {
7          String element = arr[i];
8          arr[i] = fun1(element) + element;    //fun1() from problem 1
9          System.out.println(arr[i]);
10     }
11 }
```

**Output when:**

```
fun2("boy", "debby", "ybbby")
```