********** OUTPUT **********

Errors encountered in red preventing execution:

```
char lowerCase [ ] = {'a','b','c','d','e','f','g','h','i','j','k','l','m','n','o','p','q','r','s','t','u','v','w','x','y','z'}
char upperCase [ ] = {'A','B','C','D','E','F','G','H','I','J','K','L','M','N','O','P','q','r','s','t','u','v','w','x','y','z'}

String text = "Happy Birthday";

reverseCase rc = new reverseCase(lowerCase, upperCase, text);
```

Correct call to constructor. Code executes both there is no evidence from System.out.println that code has reached

```
public reverseCase (char[] lowercase, char[]upperCase, String text)
{
    this.lowercase=lowercase;
    this.uppercase=uppercase;
    this.text=text;

    System.out.println("up to here");
    reverseCase();
```

This does not execute

```
Welcome to Online IDE!! Happy Coding :)


** Process exited - Return Code: 0 **
```

No evidence of execution

This is now failing to recognize a valid method call. Hence the program can not return the expected output of StringBuilder:

```
reverseCase rc = new reverseCase(lowerCase, upperCase, text);
rc.reverseCase();
//rc.test();
```

This appears to be valid call for

```
public StringBuffer reverseCase()
{
    StringBuffer sb = new StringBuffer();
    sb.append(text);


    for (int i=0; i<text.length();i++)
    {
        for (int j=0;j<lowercase.length; j++)
```

This is preventing execution of entire code

```
Main.java:20: error: <identifier> expected
    rc.reverseCase();
                   ^
1 error


** Process exited - Return Code: 1 **
```

**** Functional output: *****

N/A

*** CODE ***

```
/*
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Online Java is a quick and easy tool that helps you to build, compile, test your programs online.
*/

import java.util.*;
public class Main
{
   public static void main(String[] args) {
      System.out.println("Welcome to Online IDE!! Happy Coding :)");
   }

   char lowerCase [ ] =
{'a','b','c','d','e','f','g','h','i','j','k','l','m','n','o','p','q','r','s','t','u','v','w','x','y','z'};
   char upperCase [ ] =
{'A','B','C','D','E','F','G','H','I','J','K','L','M','N','O','P','q','r','s','t','u','v','w','x','y','z'};

   String text = "Happy Birthday";

   reverseCase rc = new reverseCase(lowerCase, upperCase, text);
   rc.reverseCase();
   //rc.test();


}


class reverseCase
{
   private char[] lowercase;
   private char[] uppercase;
   private String text;

   public int test()
   {
      return 1;
   }
```

```
   public StringBuffer reverseCase()
   {
      StringBuffer sb = new StringBuffer();
      sb.append(text);


      for (int i=0; i<text.length();i++)
      {
         for (int j=0;j<lowercase.length; j++)
         {
            if (sb.charAt(i)==lowercase[j])
            {
               sb.insert(i,uppercase[j]);

            }

            if (sb.charAt(i)==uppercase[j])
            {
               sb.insert(i,lowercase[j]);

            }

         }

      }
      System.out.println("test");
    System.out.println(sb);
    return sb;
   }


   public reverseCase (char[] lowercase, char[]upperCase, String text)
   {
      this.lowercase=lowercase;
      this.uppercase=uppercase;
      this.text=text;

      System.out.println("up to here");
      reverseCase();

   }
}
```