**Aim:**

To write a program to create an object of class string which can reverse the string, calculate its length, concatenate 2 stings.

**Source Code:**

#include<iostream.h>

#include<conio.h>

#include<string.h>

class string

{

public:

char str\_1[15];

char str\_2[40];

int size;

void read\_string()

{

cout<<"\n Enter The String to Begin : ";

cin>>str\_1;

cout<<"\n Enter The String Second : ";

cin>>str\_2;

}

int display\_string()

{

clrscr();

cout<<"\n The String Entered is : ";

cout<<str\_1;

cout<<"\n The Second String is :";

cout<<str\_2;

size=strlen(str\_1);

cout<<" \n The Size of the Stting is :";

cout<<size;

return(size);

}

void reverse()

{

cout<<" \n The Reversed Array is Array : ";

cout<<strrev(str\_2);

}

void catinat\_str()

{

cout<<" \n The Concatenated String is : ";

strcat(str\_2,str\_1);

cout<<str\_2;

}

};

void main()

{

string a1;

clrscr();

a1.read\_string();

clrscr();

a1.display\_string();

a1.catinat\_str();

a1.reverse();

getch();

}

**Output :**

