String Programs
```cpp
#include<iostream>
#include<conio.h>
#include<string>
using namespace std;
int main()
{
    string s="abc";
    string s1("qqq");
    string s2;
    s2="qwerty";
    cout<<s<<endl<<s1<<endl<<s2;
    getch();
    return 0;
}
```
///
```cpp
#include<iostream>
#include<conio.h>
using namespace std;
int main()
{
    string x="high";
    char y[]="school";
    char z[]={'w','a','s','\0'};
    char *p="good";
    string s=x+y+" "+"very"+" "+p;
    cout<<"s="<<s<<endl;
    cout<<"s="+s<<endl;
    getch();
    return 0;
}
```
/////////////////////////////////
```cpp
#include<iostream>
#include<conio.h>
#include<string>
using namespace std;
int main()
{
    string x ="high";
    char y[5];
    char *p="good";
    cin>>y;
    if(x<y)
    cout<<(x<y)<<endl;

    if (x<"tree")
    cout<<"x<tree"<<endl;
    if("low"!=x)
    cout<<"LOW!=X"<<endl;
    if(p>x)
    cout<<"p>x"<<endl;
```

```cpp
    else
    cout<<"p<x";
    getch();
    return 0;
}
```
//////////////////////////
```cpp
#include<iostream>
#include<conio.h>
#include<string>
using namespace std;
int main()
{
    string x="high";
    cout<<x[0]<<'\t';
    cout<<x[3]<<endl;
    cout<<x.size()<<endl;
    cout<<x.empty();
    getch();
    return 0;
}
```
/////////////////////
```cpp
#include<iostream>
#include<conio.h>
#include<string.h>

using namespace std;
int main()
{
    string s,s1,s2;

    cout<<"enter the first string";
    cin>>s;
    //getline(cin,s);
    cout<<"enter the second string";
    cin>>s1;

    s2=s+" "+s1;
    cout<<s2<<endl;


    s1+=s;
    cout<<s1;

    getch();
    return 0;
}
```
    /////////////////////////////////
```cpp
#include<iostream>
#include<conio.h>
#include<string>
using namespace std;
```

```cpp
int main()
{
    string x="highmiddleschool";
    string y="middle";
    cout<< x.find(y,3)<<endl;
    cout<<x.rfind(y);
    getch();
    return 0;
}
    ////////////////////////////
#include<iostream>
#include<conio.h>
#include<string>
using namespace std;
int main()
{
    string x="highschool";
    string y="middle";
     //x.replace(2,3,y);
     string z=x.replace(2,3,y);
  // x.erase(4,2);
    //x.clear();
    cout<<z;
    cout<<x;
    getch();
    return 0;
}
////////////////////////////
#include<iostream>
#include<conio.h>
#include<string>
using namespace std;
int main()
{
    string x="highmiddlemiddleschool";
    string y="middle";

    cout<<x.rfind(y,6);
    getch();
    return 0;
}
/////////////////////////////
#include<iostream>
#include<conio.h>
#include<string.h>

using namespace std;
int main()
{
    string y="abc";
    char x[]="xyz";
```

```cpp
    cout<<x+y;
    getch();
    return 0;
}
```
/////////////////////////////
```cpp
#include<iostream>
#include<conio.h>
#include<string>
using namespace std;
main()
{
    string s1("man");          //Initailize
    string s2="beast";         //Intialinze
    string s3;
    s3=s1;// copy
    cout<<"s3="<<s3<<endl;
    s3="neither " + s1 + "nor";//concatenate
          cout<<endl;
    s3 += s2;// concat
    cout<<"s3="<<s3<<endl;
    s1.swap(s2);// swaping both strings
    cout<<s1<< "nor" <<s2 <<endl;
    getch();
    }/////////////////////////////////
```
```cpp
#include<iostream>
#include<conio.h>
#include<string>
using namespace std;
int main()
{
   string x="highschool";
   string x1="abc";
   string y=x.substr(2,3);
   cout<<y<<endl;
   string y1=x1.insert(2,x);
   cout<<y1;
   getch();
   return 0;
}
```
///////////////
```cpp
#include<iostream>
#include<conio.h>
#include<ctype.h>
using namespace std;
int main()
{
   char y='.';
   cout<<toupper(y)<<endl;
   cout<<isalnum(y)<<endl;
   cout<<isdigit(y)<<endl;
   cout<<islower(y)<<endl;
```

```
   cout<<ispunct(y)<<endl;
   cout<<isspace(y);
   getch();
   return 0;
}////////////////////////
#include<iostream>
#include<conio.h>
using namespace std;
int main()
{
   string s="hello";
   string s1;
   s1=s;
   cout<<s1;
   getch();
   return 0;
}/
/////////////////////////////
#include<iostream>
#include<conio.h>
#include<string.h>
using namespace std;
int main()
{
   char s[]="Strings are strings only";
   int i,j=0;
   char word[20];
   char w[20];
   for(i=0;s[i]!=' ';i++)
   {

     word[i]=s[i];

     }
   cout<<word<<i<<endl;
    for(s[i]==' ';s[i]!='\0';i++)
   {

     w[j]=s[i+1];
     j++;
     }
   cout<<w;


   getch();
   return 0;
}
/////////////////////////////
#include<iostream>
#include<conio.h>
#include<string.h>
```

```cpp
#include<ctype.h>
using namespace std;
int main()
{
    string s="abcd";
    int i=0;

    for(i=0;s[i]!='\0';i++)
    {
        s[i]=toupper(s[i]);

}

cout<<s;
getch();
return 0;
}/////////////////////////////////////////
```