

2. Construct a C++ program that removes a specific character from a given string and return the updated string.

Typical Input: computer science is the future

Typical Output: compuer science is he fuure

### SOURCE CODE:

```
#include<iostream>
#include<string>
using namespace std;

void stringrem( string& sstring , char remm)
{
    string result;
    for(int i=0;i<sstring.size();++i)
    {
        if(sstring[i]!=remm)
        {
            result=result+sstring[i];
        }
    }
    sstring=result;
}

int main()
{
    string sstring;
    char rem;
    cout<<"Enter string: ";
    getline(cin,sstring);
    cout<<"Enter the character you want to remove from string: ";
    cin>>rem;
    stringrem(sstring , rem);
    cout<<"Updated string "<<sstring<<endl;
    return 0;
}
```

A screenshot of a terminal window with a dark background. The terminal shows the execution of a C++ program. At the top, there are tabs for 'OUTPUT', 'PROBLEMS', 'DEBUG CONSOLE', 'PORTS', and 'TERMINAL'. The 'TERMINAL' tab is active. The prompt is '> cd "c:\Users\ayush\OneDrive\Desktop\coding\Ayush Godiyal Roll No 20\" ; if (\$?) { g++ removespecificcharacter.cpp -o removespecificcharacter } ; if (\$?) { .\removespecificcharacter }'. The user enters 'computer science is the future' for the string and 't' for the character to remove. The output shows the updated string as 'compuer science is he fuure'. The prompt at the bottom is 'PS C:\Users\ayush\OneDrive\Desktop\coding\Ayush Godiyal Roll No 20>'.

```
> cd "c:\Users\ayush\OneDrive\Desktop\coding\Ayush Godiyal Roll No 20\" ; if ($?) { g++ removespecific
character.cpp -o removespecificcharacter } ; if ($?) { .\removespecificcharacter }
Enter string: computer science is the future
Enter the character you want to remove from string: t
Updated string compuer science is he fuure
PS C:\Users\ayush\OneDrive\Desktop\coding\Ayush Godiyal Roll No 20>
```