

```
#include <iostream>
```

```
using namespace std;
```

```
void reverse(const string& a);
```

```
int main()
```

```
{
```

```
    string str;
```

```
    cout << " Please enter a string " << endl;
```

```
    getline(cin, str);
```

```
    reverse(str);
```

```
    return 0;
```

```
}
```

```
void reverse(const string& str)
```

```
{
```

```
    size_t numOfChars = str.size();
```

```
if(numOfChars == 1)
    cout << str << endl;
else
{
    cout << str[numOfChars - 1];
    reverse(str.substr(0, numOfChars -
1));
}
}
```


