```cpp
#include<iostream>
using namespace std;
void permute (string & str);
void permute (string & str, int low, int high);

int main ()
{
   string str;
   cout<<" Enter a string : ";
   cin >> str;
   cout <<" the permutations are :"<<endl;
   permute (str);
   return 0;
}
void permute(string & str)
{
   permute (str, 0, str.length() -1 );
}
void permute (string & str, int low, int high)
{
   if (low == high)
   cout << str <<endl;
   else
   {
```

```
For (int j=low; j ≤ str.length(); j++)
{
char c = str[j];
str[j] = str[low];
str[low] = c;
permute (str, low+1, high);
c = str.at(j);
```