

Q1:Concatenation of two string:

```
#include<bits/stdc++.h>
```

```
using namespace std;
```

```
int main()
```

```
{ int i,j,n,x,y;
```

```
char str1[100],str2[100],str3[100];
```

```
cin>>str1>>str2;
```

```
x=strlen(str1);
```

```
y=strlen(str2);
```

```
for(i=0;i<x;i++)
```

```
{
```

```
str3[i]=str1[i];
```

```
}
```

```
for(i=x,j=0;i<x+y,j<y;i++,j++)
```

```
{
```

```
str3[i]=str2[j];
```

```
}
```

```
cout<<str3<<endl;
```

```
return 0;
```

```
}
```

Q2:String length:

```
#include<bits/stdc++.h>
```

```
using namespace std;
```

```
int main()
```

```
{ int c=0,i;char a[50];
```

```
cout<<"enter a string:";
```

```
gets(a);
```

```
for(i=0; a[i]!='\0'; i++)
```

```
{
```

```
c++;
```

```
}
```

```
cout<<"length of a string="<<c<<endl;
```

```
return 0;
```

```
}
```

Q3:Frequency of a character:

```
#include <stdio.h>
```

```
#include <string.h>
```

```
int main()
```

```
{char str[100];
```

```
int i;
```

```
int freq[256] = {0};
```

```
gets(str);
```

```
for(i = 0; str[i] != '\0'; i++)
```

```
{
```

```
freq[str[i]]++;
```

```
}
```

```
for(i = 0; i < 256; i++)
```

```
{
```

```
if(freq[i] != 0)
```

```
{
```

```
printf("%c %d\n", i, freq[i]);
```

```
}
```

```
}return 0;
```

```
}
```

