

ASSIGNMENT :9

CONSTRUCTOR AND DESTRUCTOR

//c++ program to demonstrate constructor and destructor:

```
#include<iostream>
```

```
using namespace std;
```

```
int main()
```

```
{
```

```
    char op;
```

```
int num1,num2;
```

```
cout<<"enter operator either + or - or * or /or %:";
```

```
cin>>op;
```

```
cout<<"enter two operands:";
```

```
cin>>num1>>num2;
```

```
switch(op)
```

```
{
```

```
    case '+':
```

```
        cout<<num1+num2;
```

```
        break;
```

```
    case '-':
```

```
        cout<<num1-num2;
```

```
        break;
```

```
case '*':
```

```
cout<<num1*num2;
```

```
break;
```

```
case '/':
```

```
cout<<num1/num2;
```

```
break;
```

```
case '%':
```

```
cout<<num1%num2;
```

```
break;
```

```
default:
```

```
//if the operator is other than +,-,*,/or%,error will be shown
```

```
cout<<"error!operator is not correct";
```

```
break;
```

```
}
```

```
return 0;
```

```
}
```