

print.h

Function Declarations

```
void printNum(int x);
```

input.h

```
int userInputNum();
```

print.cpp

Function Implementations

Hidden Segment

```
void printNum(int x) {  
    cout << "The number is " << x << endl;  
}
```

input.cpp

Hidden Segment

```
int userInputNum() {  
    int x;  
    cout << "Enter a number: ";  
    cin >> x;  
    return x;  
}
```

main.cpp

Main function Implementation

Hidden Segment

```
int main(void) {  
    int num = userInputNum();  
    printNum(num);  
    return 0;  
}
```