

```
#include <iostream>
using namespace std;
```

```
// comments name, class, purpose
```

```
//
```

```
/* C & C++
```

```
...
```

```
Algorithm
```

```
*/
```

```
// ** _____ *
```

```
int main()
```

```
//comment
```

```
//end of line comment
```

```
{
```

```
Program
```

```
return 0;
```

```
}
```



```
int main()
```

```
cout << "Welcome....";
```

See out

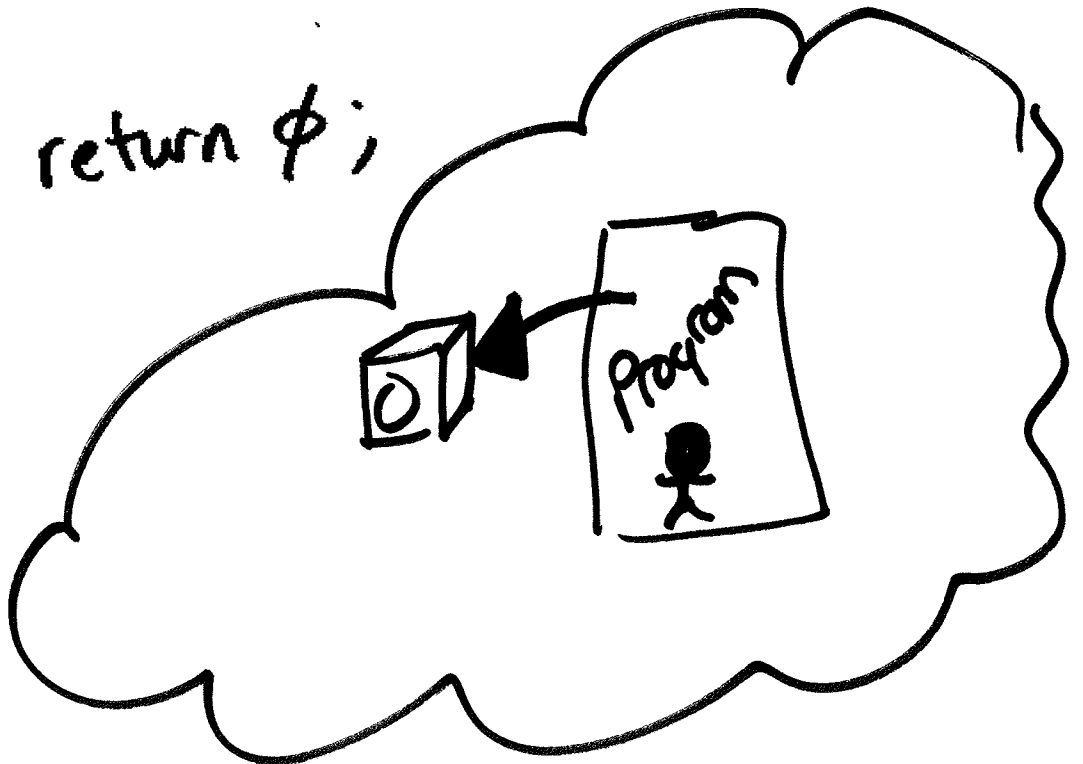
object of
ostream

```
cout << "welcome..." << "blurbs";
```

```
cout << "bluck...."  
<< "more stuff"  
<< "more"  
// insertion operation
```

```
return 0;
```

```
}
```

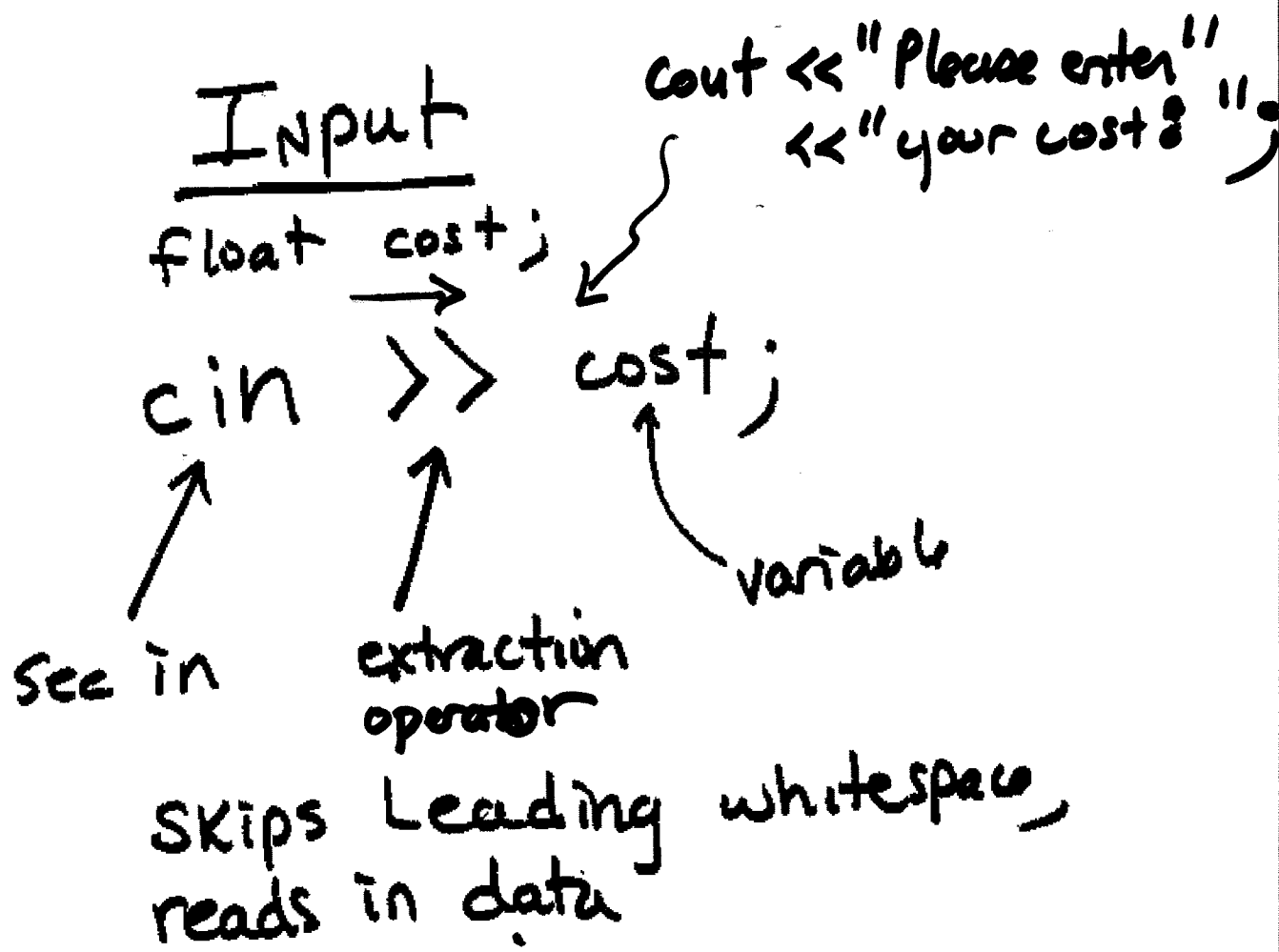


```
cout << "bluck...." ;  
cout << " more stuff" ;  
cout << " more " ;
```

Variables & Data Types

int short, long
float double
char unsigned int
bool

int count; ?
int i, j;
int Total_Length;
int TotalLength;
int total_length;
int total = 0;
int total(0); initialize
float cost(0,0);
int a temp, value;



```
char ch;  
cin >> ch;
```

clear out input buffer

```
cin.ignore(); // 1 char.
```

```
cin.ignore(100, '\n');
```

```
cin.ignore(100); // NO
```


'\n' Page

cout << "Please enter the wst: \n"
<< " and hit enter \n\n";

cout << " \\ " ;

↑ display a backslash

Read tab

```
cout << "Please enter a tab:";
```

```
char tab;
```

```
cin >> tab;
```

A) $\frac{No}{\swarrow}$

B)

```
char tab;
```

```
cout << "Please hit tab:";
```

①

```
tab = cin.get();
```

or
②

```
cin.get(tab);
```

```
// Returns the Next character  
// in the Input Buffer
```

```
if (tab == '\t')  
    cout << "YES!";
```


Typo if (tab = '\t')

assignment operator!

\emptyset is False

Not Zero is True

if (' \t' == tab)