


Allen Computer Science Club

AllenCompSci

High School Computer Science Class and Club Repository.

Block or report user

 @AllenHS_Eagles

Organizations



Over

Popula

allen

Jav

Galag

by On

Jav

tai-lo

It's all

Jav

1,519 c

Pull Request Created
by Editing someone's code

* Sequence

Top-down describes the order which the code is compiled.

* Selection

driven by conditions

bool

Comparison

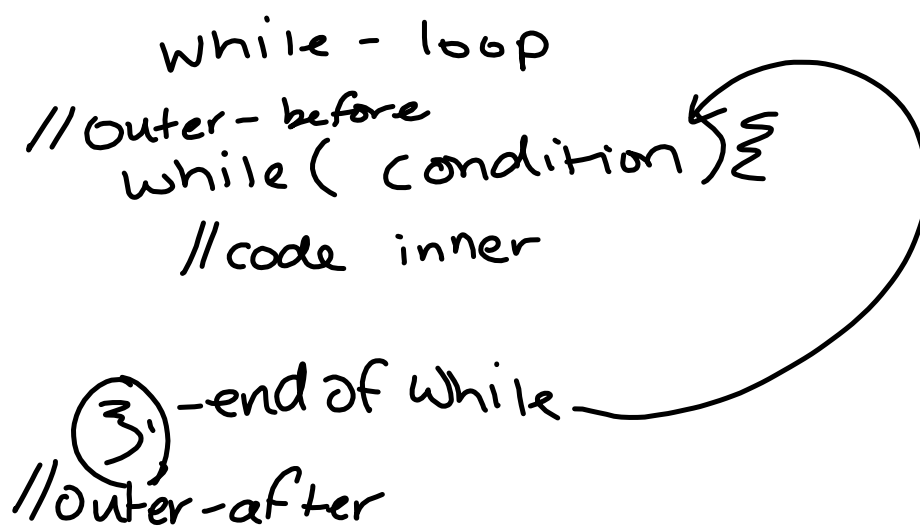
combination of multiple using
not's / and's / or's

* Repetition
loops driven by conditions

condition							
comparison	>	>=	,	<	<=	,	== , !=
boolean	&&			!			bool

while - loop
//outer-before
while (condition)
//code inner

③ - end of while
//outer-after



```
bool cond = true;  
while (cond) { // infinite loop
```

}

break ;

exits current sequence

// test break always use caution

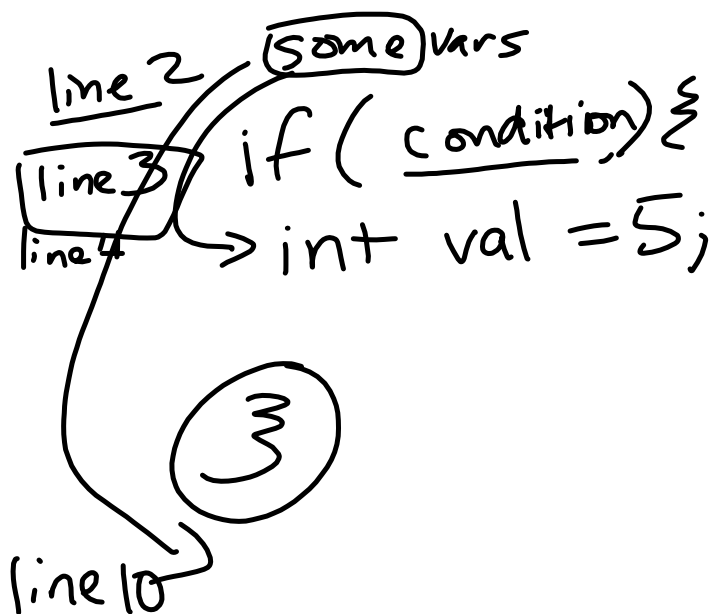
return dataType ;

```
int x;  
| cout << "Enter a 3 digit #: ";  
| cin >> x;  
write once | while (x != 9999) {  
|       |  
|       | → split and print  
|       |   ascend/descent/neither.  
|       |  
|       | cout << "Enter a 3 digit #: ";  
|       | cin >> x;  
|       | 3  
|       | }
```



```
int x;  
do {  
    cin >> x;
```

```
} while (x != 9999);
```



```
int y = 3;  
while( true) {  
    int x = 5; //Redefinition error  
    y = x + y;  
}
```

y

for (int i = 0; $i < 10$; $i++$) {

↓

③

// i d n E

$$i = i + 1 ;$$



int x ;

int i = 1 ;

postfix notation
 $X = (i++) + 1 ;$

$X = 2$

$i = 2$

PRE FIX NOTATION

$X = (++i) + 1 ;$

$X = 3$

$i = 2$

