

# 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

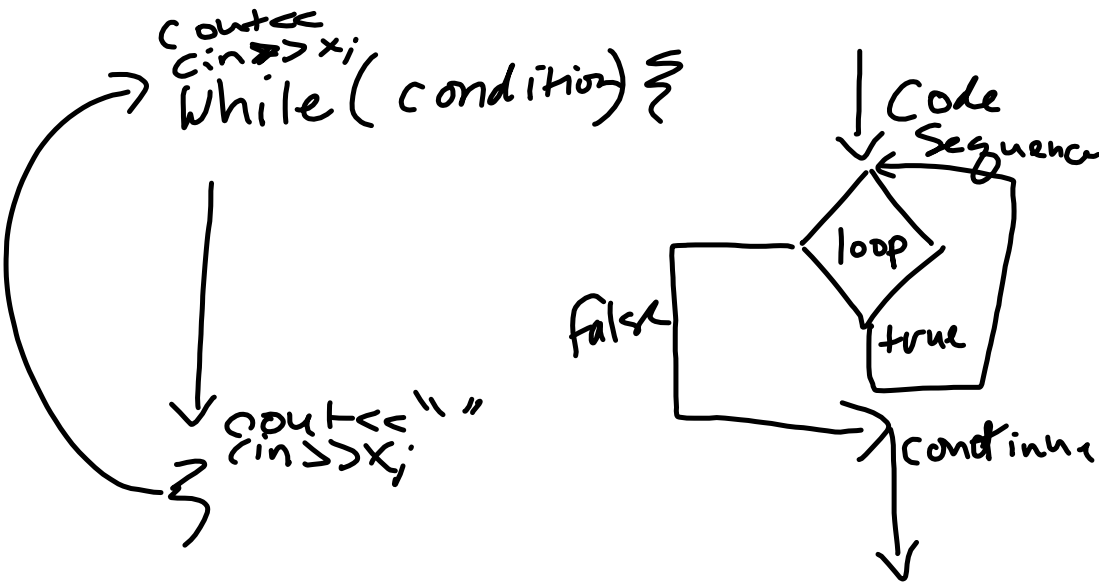
Pull Request Created  
by Editing someone's code

\* Sequence  
Top-Down

\* Selection  
driven Boolean  
comparisons  
bool <, <=, >, >=, ==, !=  
&&, ||, !

## \* Repetition

1. while
2. do-while
3. for



while (true) { // infinite loop

//



Reserved WORDS  
break;  
return;

```
bool condition = true;  
while(condition){
```

```
}
```

```
do {  
    cout << x;  
    cin >> x;
```

line 30 int x;

line 33 A = X / 100;

↑ line 39 cin >> x;

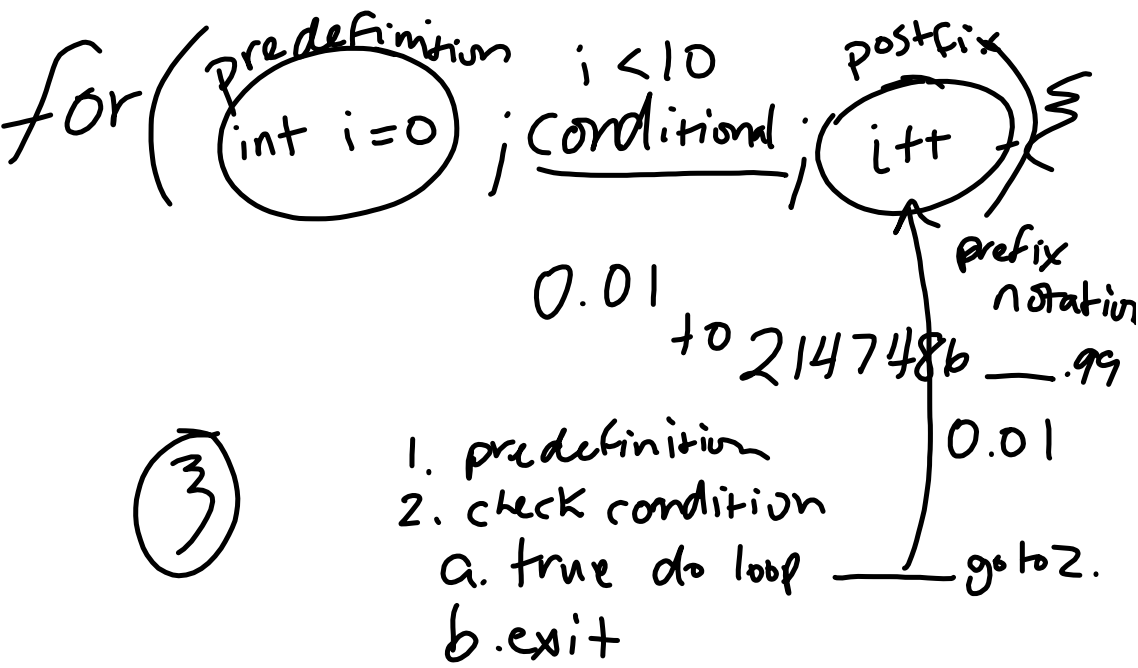
```
} while (X != 999);
```



```
if (condition)
    int newVal = 5;
```

③  
//newVal DNE  
int newVal;

```
int x=5;  
while ( x < 9 ) {  
    int i=1+x; // 1+5=6  
    x=i; // 6  
}
```



post fix

 $i++$  $i--$  $\times$  $i = 1$  $X = (i++) + 2;$  $X = 3$  $i = 2$  $X = i + 2;$   
 $i = i + 1;$ 

prefix

 $++i$  $--i$  $i = i + 1;$  $X = i + 2;$  $X = (++i) + 2;$  $X = 4$  $i = 2$