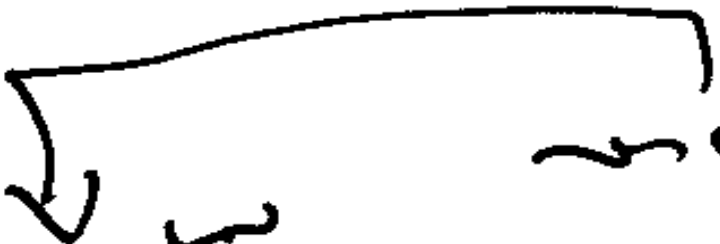


10 ~~num-classes~~ classes

```
while (num-classes < 0)
{
    cout << "Please enter a positive value ";
    cin >> num-classes;
}
```

}



5

```
int tries = 5;
```

```
int num_classes;
```

```
cout << "Please enter the # of classes";
```

```
cin >> num_classes; cin.get();
```

```
// Error correction loop
```

```
while (num_classes <= 0 && tries > 0)
```

```
{  
    cout << "Please enter...";
```

```
    cin >> num_classes;
```

```
    cin.get();  
    tries = tries - 1;
```

negative
tries
7
0



```
if (non_close <  $\phi$ )  
{  
    while ( SAME )  
    {  
        Correction  
    }  
}  
else  
{  
    cout << "You were Right the first time!"  
}
```

Correction
Loop

// Exception to the Rule

```
while (cin.get() != '\n') {}
```

- 1) Reads a character
- 2) checks to see if it is the newline
- 3) if not, Repeat step 1

```
char response;
cout << "Enter Y, N or ";
cin >> response;
```

~~Y/N/Enter~~

```
while ( cin.get() != '\n' );
```

Null
Bodied
Loop



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

```
int main()
```

```
{ float inches, mm; // ~
  char response;
```

```
  do
  { cout << "Please enter #inches ";
    cin >> inches;
    → mm = 25.4 * inches;
    cout << inches << "inches equals"
      << mm << "mm"
      << endl;
  }
```

```
  return 0;
}
```

change #2

```
int main()
```

```
{ float inches, mm;
```

```
char response;
```

```
do
```

```
{
```

```
cout << "Please enter ...";
```

```
cin >> inches;
```

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

```
    cout << "Again";  
    cin >> response;  
    cin.get();  
} while (response == 'y' ||  
        response == 'Y');  
return 0;  
}
```


1
chance

// error checking

if (inches < 0)

{ cout << "Too bad!" ;

cin >> inches ;

cin.get () ;

} else cout << "Perfect!" ;

num = 254 * inches ;

} while (_____) ;

```
} do
```

```

do cout << "Please enter...";
cin >> inches; cin.get();
if ( inches < 0 )
    cout << "Error - Redo";
} while ( inches < 0 );
mm = inches * 25.4;
cout << "...";
cout << "Again"; cin.get();
cin >> response; cin.get();
} while ( response == 'Y' );
response == 'Y';

```

```
} while ( response == 'Y' );
response == 'Y';
```