Essential Computing 1
Validation & Sanity

Validate input from user

```java
Scanner scanner = new Scanner( System.in );

System.out.print( "Please type an integer: " );
if( !scanner.hasNextInt() ){
    System.out.println( "Dude, that was not an integer. Farewell." );
    return; // exit method
}


int value = scanner.nextInt();
System.out.print( "Thanks man, " + value + " is an awesome integer." );
```

Sanity check

```java
Scanner scanner = new Scanner( System.in );

System.out.print( "How old is your cat in whole years " );
if( !scanner.hasNextInt() ){
    System.out.println( "Dude, that was a whole number. Farewell." );
    return; // exit method
}


int catAge = scanner.nextInt();
if( catAge < 0 || catAge > 30 ){
    System.out.print( catAge + "? Dude, I don't believe you. Goodbye." );
    return; // exit method
}
System.out.print( "Thanks, " + catAge + " is an awesome age." );
```