# Part 1

## Password Hashing Implementation

A computer code on a white background

Description automatically generated

### Before and after code screenshots

#### Register

##### Before

A computer screen shot of a program code

Description automatically generated

##### After

A screen shot of a computer program

Description automatically generated

#### Login

##### Before

A computer screen shot of a program

Description automatically generated

##### After

A computer screen shot of a program

Description automatically generated

## Input Field Character Limitations

### Register

A screenshot of a computer

Description automatically generated

Limiting length code

A screen shot of a computer program

Description automatically generated

### Login

A screenshot of a computer

Description automatically generated

Limiting length

A computer screen shot of a program code

Description automatically generated

## Handling Null or Blank Inputs

### Registration

A screenshot of a computer

Description automatically generated

A screen shot of a computer program

Description automatically generated

### Login

A screenshot of a computer

Description automatically generated

A screen shot of a computer program

Description automatically generated

## Escaping User Input: Form Validation

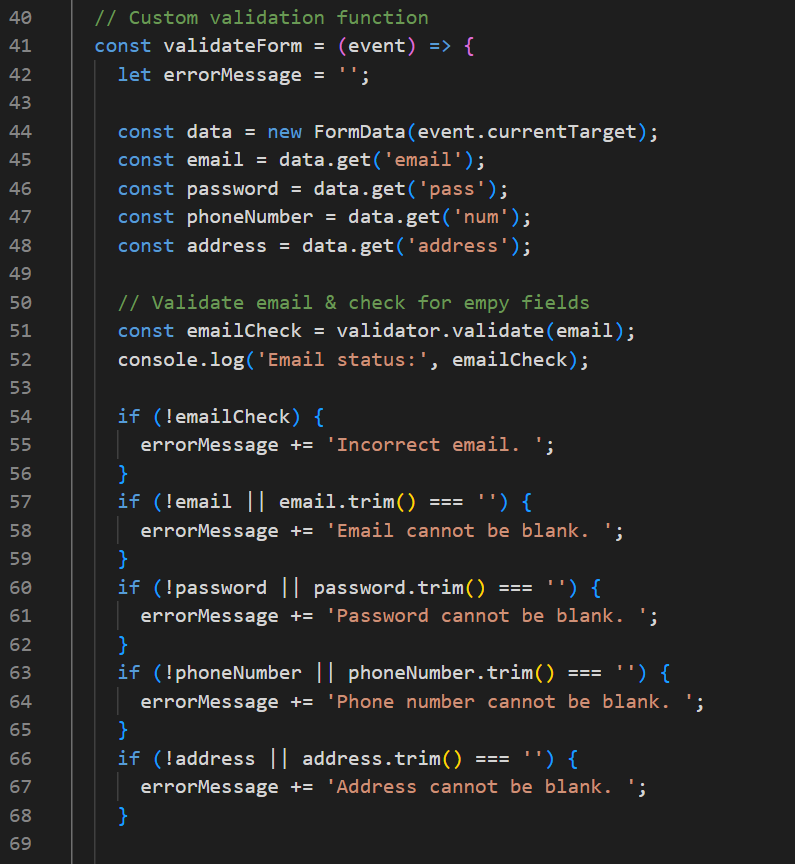
### Registration

A screenshot of a computer error

Description automatically generated

A screen shot of a computer program

Description automatically generated



A computer code on a black background

Description automatically generated

### Login

A screenshot of a computer

Description automatically generated

A computer screen shot of a program code

Description automatically generated

A screen shot of a computer program

Description automatically generated

A screen shot of a computer program

Description automatically generated