A stylized, isometric illustration of a factory floor. In the center, a worker in an orange shirt and red pants stands holding a blue tablet. To the left, a conveyor belt carries several smartphones. In the foreground, a robotic arm is positioned over a stack of boxes labeled 'amazing'. Another robotic arm is visible in the bottom right corner. The background shows more conveyor belts and a worker pushing a cart with a large box. The overall scene is brightly lit with a light blue floor and red structural elements.

CRUD

Post Table

An isometric illustration of a factory floor. In the center, a worker in an orange sweater and red pants stands holding a tablet. To the left, a conveyor belt carries several smartphones. In the foreground, a robotic arm is positioned over a workstation. To the right, a worker in a red shirt is pushing a cart with a large cardboard box. The background shows more of the factory environment with various machinery and components.

```
CREATE TABLE `post` (  
  `id` INT(10) UNSIGNED NOT NULL AUTO_INCREMENT,  
  `title` VARCHAR(100) NOT NULL,  
  `content` MEDIUMTEXT NOT NULL,  
  PRIMARY KEY (`id`)  
)
```

db.php

An isometric illustration of a factory floor. In the center, a worker in an orange sweater and red pants stands holding a tablet. To the left, a conveyor belt carries several smartphones. In the foreground, a robotic arm is visible. To the right, there are stacks of boxes and a pallet with a large box. The background shows more of the factory structure with red pillars and grey machinery.

```
<?php
```

```
$host = 'localhost';  
$dbusername = 'root';  
$dbpassword = '';  
$dbname = 'crud';  
$mysqli = new mysqli($host, $dbusername, $dbpassword,  
$dbname);
```

```
if ($mysqli->connect_errno) {  
    die('Database connection failure');  
}
```

create.php (I)

A stylized illustration of a factory floor. In the center, a worker in an orange shirt and red pants stands holding a tablet. To the left, a conveyor belt carries several smartphones. In the foreground, a robotic arm is visible. To the right, there are stacks of boxes and a pallet jack with a large box. The background shows more of the factory structure with red pillars and grey beams.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width,
initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>Create Post</title>
</head>
```

create.php (2)

```
<body>
  <h1>Create Post</h1>

  <?php if (isset($_GET['invalid'])): ?>
    <h3>Please complete the form</h3>
  <?php endif; ?>

  <form action="create_process.php" method="post">
    <label>
      Title:
      <input type="text" name="title" required autofocus>
    </label>
    <br>
    <label>
      Content:
      <textarea name="content" cols="30" rows="10"
required></textarea>
    </label>
    <br>
    <input type="submit" value="Post">
  </form>
</body>
</html>
```

create_process.php

```
<?php
$title = addslashes(trim($_POST['title']));
$content = addslashes(trim($_POST['content']));

if (!$title || !$content) {
    header('Location: create.php?invalid=1');
    die;
}

include_once 'db.php';

$sql = "INSERT INTO post (title, content) VALUES
('$title', '$content')";

mysqli->query($sql);
header("Location: .");
```

index.php (I)

```
<?php
include_once 'db.php';

$sql = 'SELECT * FROM post';
$result = $mysqli->query($sql);

?>

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width,
initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>Blog</title>
</head>
```

index.php (2)

```
<body>
  <h1>Posts</h1>

  <a href="create.php">Create</a>

  <?php
    if (!$result) {
      echo 'No posts.';
    } else {
      while ($post = $result->fetch_object()) {
        echo "<h3>$post->title</h3>";
        echo "<a href=\"edit.php?id=$post->id\">Edit</a>";

        printf('<form action="delete.php" method="post"><input
type="hidden" name="id" value="%d"><input type="submit"
value="Delete"></form>', $post->id);

        echo "<p align=\"justify\">$post->content</p>";
      }
    }
  ?>
</body>
</html>
```

edit.php (I)

```
<?php
$id = $_GET['id'];

if (!$id) {
    header('Location: .');
    die;
}

include_once 'db.php';

$sql = "SELECT * FROM post WHERE id = $id";
$result = $mysqli->query($sql);

if (!$result->num_rows) {
    header('Location: index.php');
}

$post = $result->fetch_object();

?>
```

edit.php (2)

A stylized illustration of a factory floor. In the center, a worker in an orange sweater and red pants stands holding a tablet. To the left, a conveyor belt carries several smartphones. In the foreground, a robotic arm is visible. To the right, there are stacks of boxes and a larger box on a trolley. The background shows more of the factory structure with red pillars and grey beams.

```
<!DOCTYPE html>  
<html lang="en">  
<head>  
  <meta charset="UTF-8">  
  <meta name="viewport" content="width=device-width,  
initial-scale=1.0">  
  <meta http-equiv="X-UA-Compatible" content="ie=edge">  
  <title>Edit Post</title>  
</head>
```

edit.php (3)

```
<body>
  <h1>Edit Post</h1>

  <?php if (isset($_GET['invalid'])): ?>
    <h3>Please complete the form</h3>
  <?php endif; ?>

  <form action="edit_process.php" method="post">
    <input type="hidden" name="id" value="<?php echo $post->id; ?>">
    <label>
      Title:
      <input type="text" name="title" value="<?php echo $post->title; ?>" autofocus>
    </label>
    <br>
    <label>
      Content:
      <textarea name="content" cols="30" rows="10" ><?php echo $post->content; ?></textarea>
    </label>
    <br>
    <input type="submit" value="Update">
  </form>
</body>
</html>
```

edit_process.php

```
<?php
include_once 'db.php';

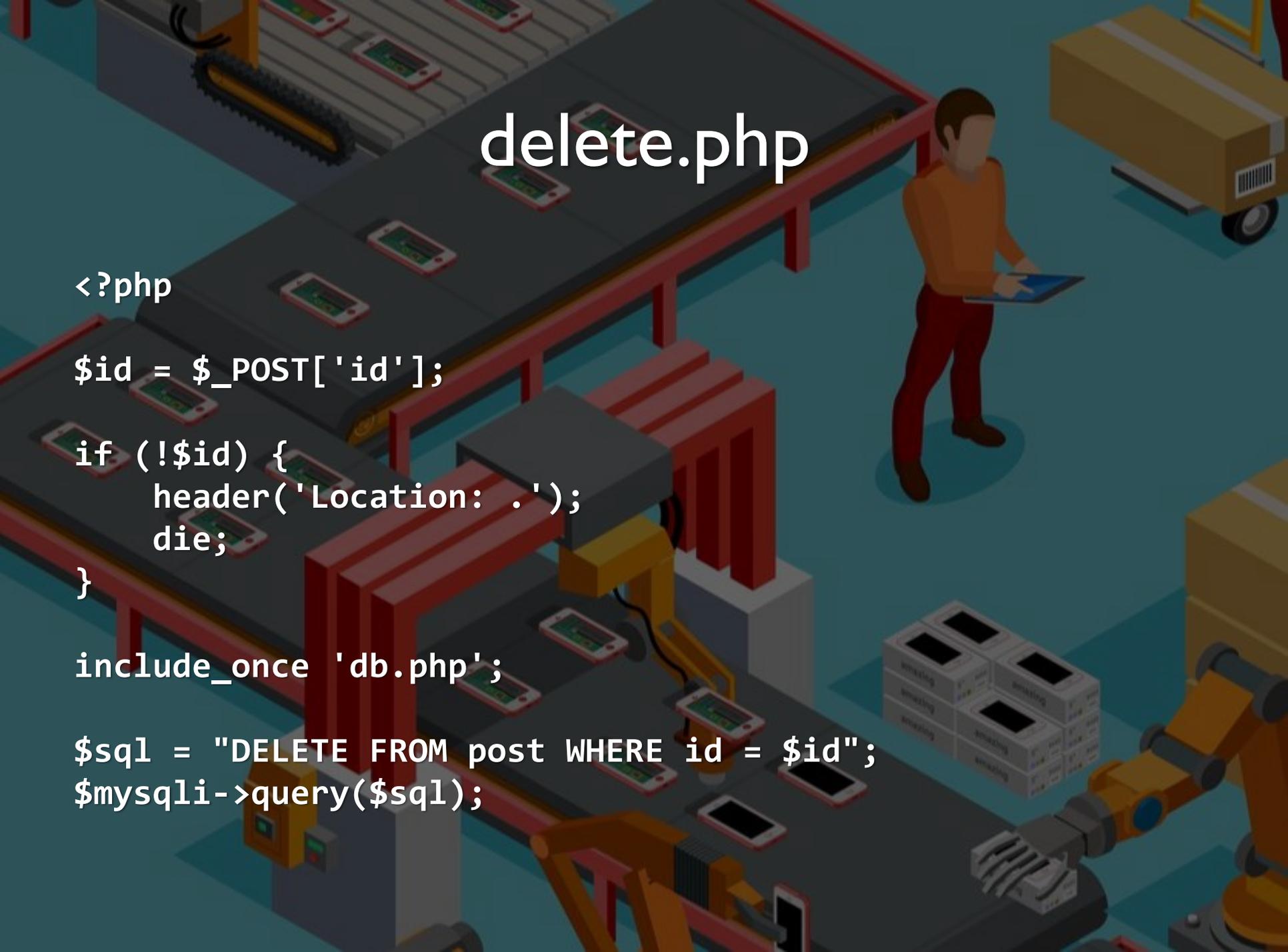
$id = $_POST['id'];
$title = addslashes(trim($_POST['title']));
$content = addslashes(trim($_POST['content']));

if (!$title || !$content) {
    header("Location: edit.php?id=$id&invalid=1");
    die;
}

$sql = "UPDATE post SET title = '$title', content =
'$content' WHERE id = $id";

mysqli->query($sql);
header('Location: .');
```

delete.php

An isometric illustration of a factory floor. In the center, a worker in an orange sweater and red pants stands holding a tablet. To the left, a conveyor belt carries several smartphones. In the foreground, a robotic arm is visible. To the right, there are stacks of boxes and a pallet jack with a large cardboard box. The background shows more of the factory structure with red beams and grey machinery.

```
<?php
```

```
$id = $_POST['id'];
```

```
if (!$id) {  
    header('Location: .');  
    die;  
}
```

```
include_once 'db.php';
```

```
$sql = "DELETE FROM post WHERE id = $id";  
$mysqli->query($sql);
```