CODE LAYOUT

Definition :

Code Layout Before it begins emitting code, the compiler has the opportunity to lay out the basic blocks in memory. If each branch in the ir has two explicit branch targets, as iloc does, then the compiler can choose either of a block's logical successors to follow it in memory·

HTML code:

```html
<!DOCTYPE html>

<html lang="en">

<head>

    <center> <h1> WEB PHISHING DETECTION WEBSITE </h1> </center>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <meta name="description" content="This website is develop for identify the safety of url.">

    <meta name="keywords" content="phishing url,phishing,cyber security,machine learning,classifier,python">


    <!-- BootStrap -->

    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/css/bootstrap.min.css"
        integrity="sha384-9aIt2nRpC12Uk9gS9baDl411NQApFmC26EwAOH8WgZl5MYYxFfc+NcPb1dKGj7Sk" crossorigin="anonymous">


    <link href="static/styles.css" rel="stylesheet">

    <title>URL detection</title>

</head>
```

```html
<body>
 <center> <img class="image image-contain"
src="https://tse3.mm.bing.net/th?id=OIP.oA36SknMFdavqX28PoTcoQHaE8&
pid=Api&P=0" alt="MDN logo" /> </center>
  <hr>
<div class=" container">
<div class="wp-block-columns has-2-columns right-33">
    <div class="wp-block-column" id="form1">
      <h2><center>PHISHING URL DETECTION</center></h2>
    <br>
    <center>
      <form action="/" method ="post">
        <input type="text" class="form__input" name ='url' id="url"
placeholder="Enter URL" required="" />
        <label for="url" class="form__label">URL</label>
        <button class="button" role="button" >Check here</button>
      </form>
    </center>
    </div>


  <br>
    <div class="wp-block-column" id="form2">


      <h3 id="prediction"></h3>
      <center>
      <button class="button2" id="button2" role="button"
onclick="window.open('{{url}}')" target="_blank" >Still want to
Continue</button>
```

```html
      <button class="button1" id="button1" role="button"
onclick="window.open('{{url}}')" target="_blank">Continue</button>

    </center>

      </div>

   </div>

</div>
 <!-- JavaScript -->
   <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"
     integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrC
XaRkfj"
     crossorigin="anonymous"></script>
   <script
src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js"
     integrity="sha384-
Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMf
ooAo"
     crossorigin="anonymous"></script>
   <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js"
     integrity="sha384-
OgVRvuATP1z7JjHLkuOU7Xw704+h835Lr+6QL9UvYjZE3Ipu6Tp75j7Bh/k
R0JKI"
     crossorigin="anonymous"></script>
<script>
    let x = '{{xx}}';
      let num = x*100;
      if (0<=x && x<0.50){
        num = 100-num;
      }
```

```
        let txtx = num.toString();
        if(x<=1 && x>=0.50){
            var label = "Website is "+txtx +"% safe to use...";
            document.getElementById("prediction").innerHTML = label;
            document.getElementById("button1").style.display="block";
        }
        else if (0<=x && x<0.50){
            var label = "Website is "+txtx +"% unsafe to use..."
            document.getElementById("prediction").innerHTML = label ;
            document.getElementById("button2").style.display="block";
        }
    </script>
  </body>
</html>
```

CSS code :

```
*,
*::after,
*::before {
  margin: 0;
  padding: 0;
  box-sizing: inherit;
  font-size: 62,5%;
}
.image {
  width: 500px;
  height: 500px;
```

```css
}
.image-contain {
  object-fit: contain;
  object-position: center;
}

.image-cover {
  object-fit: cover;
  object-position: center;
}
body {
  padding: 10% 5%;
  background: #0f2027;
  background: linear-gradient(to right,#2c5364, #203a43, ##55FFFF);
  justify-content: center;
  align-items: center;
  height: 100vh;
  color: #fff;
}

.wp-block-column {
    flex: 1;
    margin-bottom: 1em;
    flex-basis: 100%;
    min-width: 0;
    word-break: break-word;
    overflow-wrap: break-word;
```

```css
    flex-grow: 0;
    border: solid 1px blue;
}


.form__label {
  font-family: 'Roboto', sans-serif;
  font-size: 1.2rem;
  margin-left: 2rem;
  margin-top: 0.7rem;
  display: block;
  transition: all 0.3s;
  transform: translateY(0rem);
}


.form__input {
  top: -24px;
  font-family: 'Roboto', sans-serif;
  color: #333;
  font-size: 1.2rem;
  padding: 1.5rem 2rem;
  border-radius: 0.2rem;
  background-color: rgb(255, 255, 255);
  border: none;
  width: 75%;
  display: block;
  border-bottom: 0.3rem solid transparent;
  transition: all 0.3s;
```

```css
}

.form__input:placeholder-shown + .form__label {
  opacity: 0;
  visibility: hidden;
  -webkit-transform: translateY(+4rem);
  transform: translateY(+4rem);
}

.button {
  appearance: button;
  background-color: transparent;
  background-image: linear-gradient(to bottom, #fff, #f8eedb);
  border: 0 solid #e5e7eb;
  border-radius: .5rem;
  box-sizing: border-box;
  color: #ADD8E6;
  column-gap: 1rem;
  cursor: pointer;
  display: flex;
  font-family: ui-sans-serif,system-ui,-apple-system,system-ui,"Segoe UI",Roboto,"Helvetica Neue",Arial,"Noto Sans",sans-serif,"Apple Color Emoji","Segoe UI Emoji","Segoe UI Symbol","Noto Color Emoji";
  font-size: 100%;
  font-weight: 700;
  line-height: 24px;
  margin: 0;
```

```css
  outline: 2px solid transparent;

  padding: 1rem 1.5rem;

  text-align: center;

  text-transform: none;

  transition: all .1s cubic-bezier(.4, 0, .2, 1);

  user-select: none;

  -webkit-user-select: none;

  touch-action: manipulation;

  box-shadow: -6px 8px 10px rgba(81,41,10,0.1),0px 2px 2px
rgba(81,41,10,0.2);

}


.button:active {

  background-color: #f3f4f6;

  box-shadow: -1px 2px 5px rgba(81,41,10,0.15),0px 1px 1px
rgba(81,41,10,0.15);

  transform: translateY(0.125rem);

}


.button:focus {

  box-shadow: rgba(72, 35, 7, .46) 0 0 0 4px, -6px 8px 10px rgba(81,41,10,0.1),
0px 2px 2px rgba(81,41,10,0.2);

}


.main-body{

  display: flex;

  flex-direction: row;
```

```css
  width: 75%;

  justify-content:space-around;

}


.button1{

  appearance: button;

  background-color: transparent;

  background-image: linear-gradient(to bottom, rgb(160, 245, 174), #37ee65);

  border: 0 solid #e5e7eb;

  border-radius: .5rem;

  box-sizing: border-box;

  color: #482307;

  column-gap: 1rem;

  cursor: pointer;

  display: flex;

  font-family: ui-sans-serif,system-ui,-apple-system,system-ui,"Segoe UI",Roboto,"Helvetica Neue",Arial,"Noto Sans",sans-serif,"Apple Color Emoji","Segoe UI Emoji","Segoe UI Symbol","Noto Color Emoji";

  font-size: 100%;

  font-weight: 700;

  line-height: 24px;

  margin: 0;

  outline: 2px solid transparent;

  padding: 1rem 1.5rem;

  text-align: center;

  text-transform: none;

  transition: all .1s cubic-bezier(.4, 0, .2, 1);

  user-select: none;
```

```css
  -webkit-user-select: none;

  touch-action: manipulation;

  box-shadow: -6px 8px 10px rgba(81,41,10,0.1),0px 2px 2px
rgba(81,41,10,0.2);

  display: none;

}


.button2{

  appearance: button;

  background-color: transparent;

  background-image: linear-gradient(to bottom, rgb(252, 162, 162), #ee3737);

  border: 0 solid #e5e7eb;

  border-radius: .5rem;

  box-sizing: border-box;

  color: #482307;

  column-gap: 1rem;

  cursor: pointer;

  display: flex;

  font-family: ui-sans-serif,system-ui,-apple-system,system-ui,"Segoe
UI",Roboto,"Helvetica Neue",Arial,"Noto Sans",sans-serif,"Apple Color
Emoji","Segoe UI Emoji","Segoe UI Symbol","Noto Color Emoji";

  font-size: 100%;

  font-weight: 700;

  line-height: 24px;

  margin: 0;

  outline: 2px solid transparent;

  padding: 1rem 1.5rem;

  text-align: center;
```

```css
  text-transform: none;

  transition: all .1s cubic-bezier(.4, 0, .2, 1);

  user-select: none;

  -webkit-user-select: none;

  touch-action: manipulation;

  box-shadow: -6px 8px 10px rgba(81,41,10,0.1),0px 2px 2px
rgba(81,41,10,0.2);

  display: none;

}


.right {

  right: 0px;

  width: 300px;

}


@media (max-width: 576px) {

  .form {

    width: 100%;

  }

 }

.abc{

  width: 50%;

}
```