

HTML Image

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IMAGE ELEMENT

- `` tag is used to insert an image into HTML document
- It is an empty element
- **Syntax:**
``



IMAGE ATTRIBUTES

Attribute	Description	Value	Syntax
src	source of image	URL/Path	
alt	alternate text	text	
align	alignment of image	top bottom middle left right	

IMAGE ATTRIBUTES

Attribute	Description	Value	Syntax
height	height of image	pixels or %	
width	width of image	pixels or %	
border	Width of image border	pixels	
usemap	Specifies an image as an image map which creates a relationship between the and the <map>	name or id	



IMAGE LINK

- Add a hyperlink into an image
- Image link = <a> tag + tag
- Syntax:



IMAGE MAP

- Image map is a list of coordinates related to a specific Image that allows users to access different web pages by clicking on different areas of an Image.
- Elements required for image mapping: `<map>` and `<area>`



<MAP> ELEMENT

- `<map>` tag defines an image map
- It is used to create a map of an image with clickable areas
- **`<map>` tag attribute:**
 - name - unique name/identity for image mapping
- **Syntax:**
`<map name="map_name"> </map>`



<AREA> ELEMENT

- <area> element defines clickable areas inside an image map
- <area> element works only within <map> element
- Multiple <area> elements are used to define different parts of an image

- **Syntax:**

```

```

```
<map name="map_name">
```

```
  <area>
```

```
</map>
```



<AREA> ELEMENT: ATTRIBUTES

Attribute	Description	Value	Syntax
shape	Shape of an image map	rect rectangle circ circle poly polygon	<area shape = "rect" />
coords	Co-ordinates appropriate to the shape attribute	shape = "rect" => coords = "left, top, right, bottom" shape = "circ" => coords = "centerx, centery, radius" shape = "poly" => coords = "x1, y1, x2, y2,...,xn, yn"	



<AREA> ELEMENT: ATTRIBUTES

Attribute	Description	Value	Syntax
href	Target URL of the link	URL	<area href="URL"/>
alt	alternate text for the area	text	<area alt="Text" />
target	Where to open the target URL	_blank _parent _self _top	<area target="_blank" />

STEPS TO CREATE IMAGE MAP

- Take image and determines image size and usemap attributes
- Create a map to overlay the image
- Determine the coordinates of the areas to map the shape



IMAGE MAP: EXAMPLE

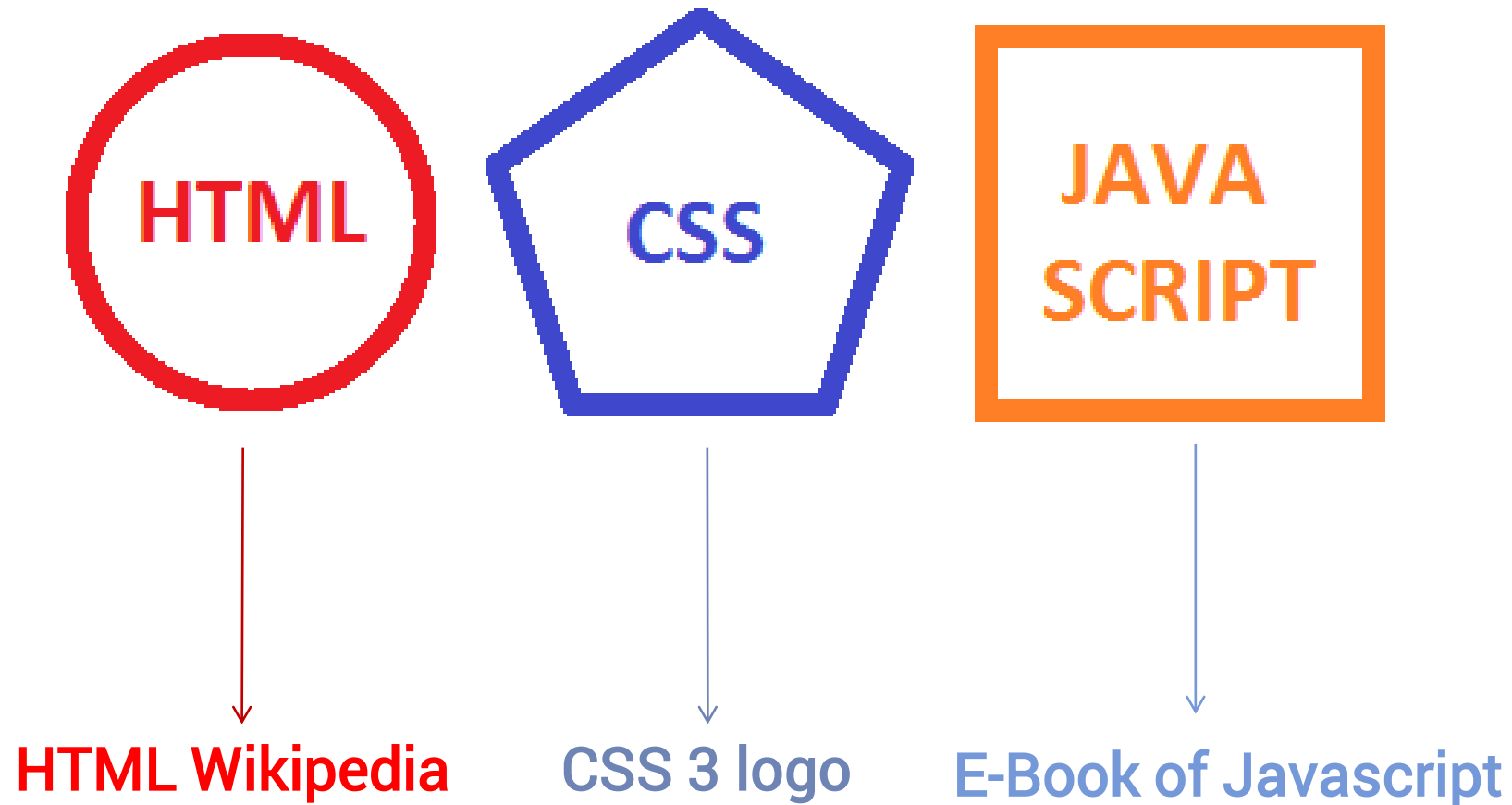


IMAGE MAP: PROGRAM

- **Take image and determines image size and usemap attributes**

```

```

- **Create a map to overlay the image**

```
<map name="my_img_map">
```

- **Determine the coordinates of the areas to map the shape**

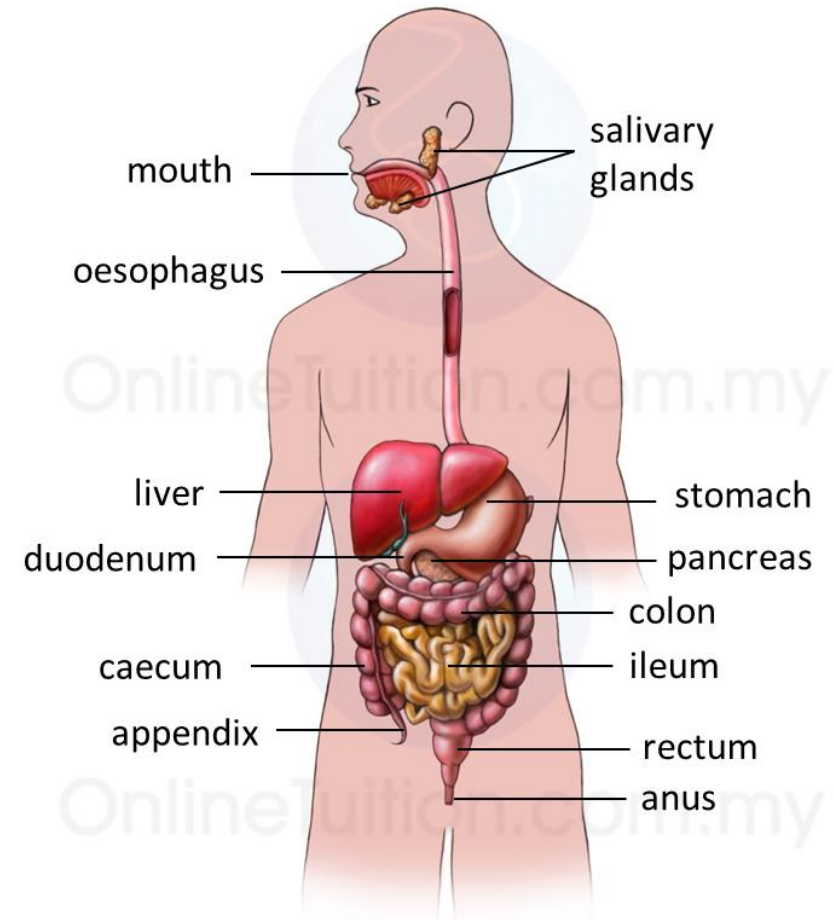
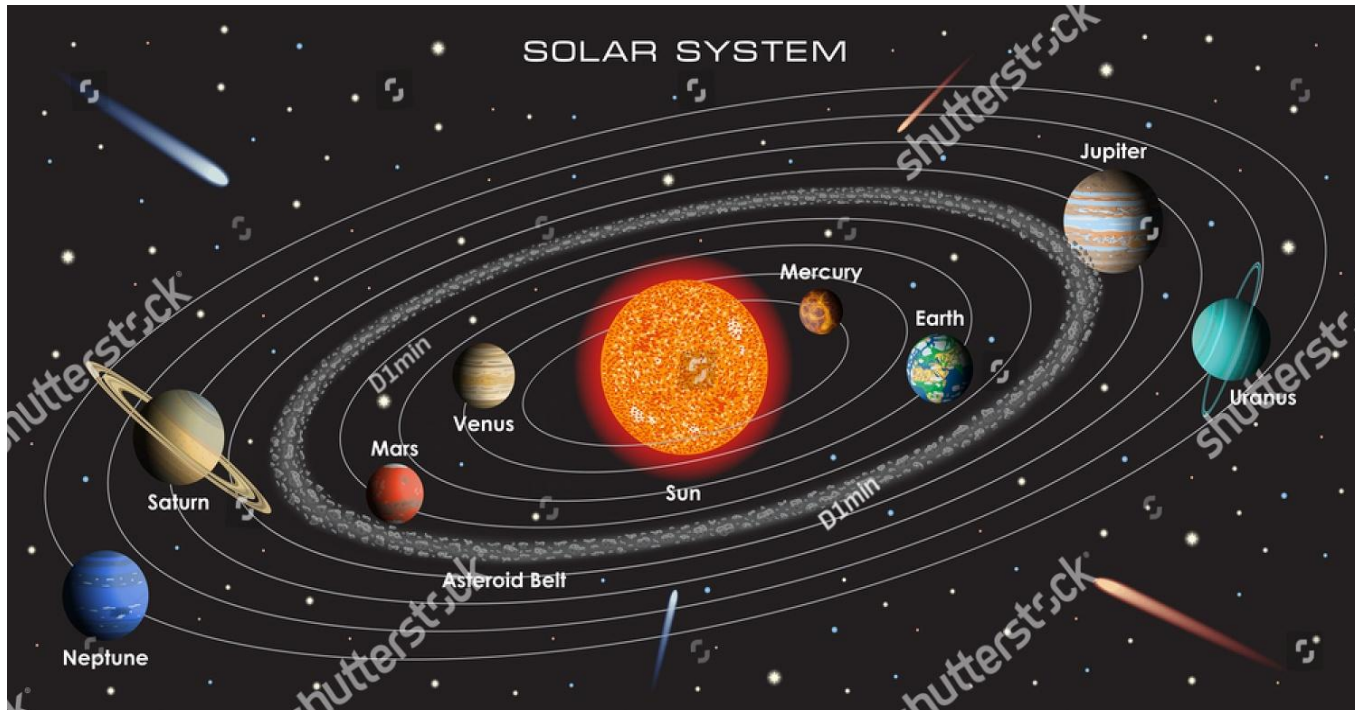
```
<area shape="circle " coords="87,104,59" href=" ">
```

```
<area shape="poly" coords="172,81,244,30,314,80,288,166,199,166 "  
href=" ">
```

```
<area shape="rect" coords="342,38,476,166" href=" ">
```



MORE EXAMPLES



Human digestive system

MORE EXAMPLES



Thank you

