



FACULTY OF NATURAL SCIENCES
DEPARTMENT OF MATHEMATICAL SCIENCES & COMPUTING

Project

Due date: 11/11/2021

Marks: 40

In this exercise, you will create a web navigation tool from the following image using image maps.

First, you need to download a copy of the image so that you can do your editing from your local drive. To do this, place the mouse cursor on the image and press the right mouse button. In the small menu that appears, select the option "Save Picture As". From the window that appears, select the directory to which you wish to save the image.



For this project, create an image map that assigns four links to shapes within the image you downloaded. **The links should be made from the four buildings in the map that are numbered.** The links and their associated alternate text are as follows:

1. Link = <http://www.google.com>
alt text = "Click to go to Google Home Page."
2. Link = <http://www.wsu.ac.za>
alt text = "Click to go to WSU website Home Page."
3. Link = <http://www.yahoo.com>
alt text = "Click to go to Yahoo Home Page."
4. Link = <http://www.w3schools.com>
alt text = "Click to go to W3schools Home Page."

You can use any graphics program to find the coordinates of each item within the image that you wish to use for a clickable area. Microsoft Paint will work just fine.

Microsoft Paint can also be used to determine the coordinates of the shapes you are going to make into links on your image map. Using the mouse cursor in your graphics program, determine your coordinates to fit as closely to the item as you can. Zooming in can sometimes help this procedure. To zoom in Paint, select the menu "View", then from the sub-menu "Zoom" select "Large Size". **A polygon is the shape to be used, in which case you will need to get coordinates of every corner.**

Once you've completed this exercise, upload your page to <http://www.wiseupwsu.co.za> . Be sure to upload the image too or use the following link as the **src** of the image:

http://faculty.etsu.edu/tarnoff/labs1710/img_maps/etsu_map.gif

Upload your page before 9:00 PM Thursday(11/10/2021) as this exercise will count as a graded assignment. Also, be sure to make the name of the html file ***Studentnumber.html***. (e.g 20215666.html)

Breakdown of marks:

Image: 4marks

Map elements: 4marks

Each link is worth 8 marks. [shape attribute: 2marks

Coords: 2marks

Href= 2marks

Alt=2marks]