S.A.P.D.J PATHSHALA'S

WALCHAND COLLEGE OF ARTS & SCIENCE, SOLAPUR

A PROJECT REPORT ON "POLLUTION" USING "HTML LANGUAGE"

Submitted by

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ACKNOWLEGEMENT

As a part of 12th (Computer Science) practical work, for academic year 2016-2017 we decide to carry out the project on "Pollution" by using HTML language, under the guidance of Prof. Deshmane P. A. & Prof. Joshi. We are much thankful to our guide for their valuable guidance, encouragement & cooperation which made us to bring out successfully this project.

We have great pleasure to express our sincere gratitude to Honorable Principal Dr. A. Manikshete Sir.

We are also thankful to our Parents, Computer staff, friends & all those who have helped directly or indirectly for their help & co-operation during the project work.

Lastly, we thank the board for giving us an opportunity to do this project and have a great experience.

Thank you!

INDEX

What is HTML?

HTML is the standard markup language for creating Web pages.

- HTML stands for Hyper Text Markup Language

- HTML describes the structure of Web pages using markup

- HTML elements are the building blocks of HTML pages

- HTML elements are represented by tags and their characteristics are represented by attributes. Values of attributes define the format in which the element be presented on the web page.

- HTML tags label pieces of content such as "heading", "paragraph", "table", and so on

- Browsers do not display the HTML tags, but use them to render the content of the page

- The structure of HTML tag is

  <html_tag_name attribute1="value1" attribute2="value2" ….>

    (Content to display with effect of the tag>

  </html_tag_name>

Web Browsers

A browser is a type of software used to display HTML pages in a formatted manner as defines in the page using HTML tags.

Browser is the only software which is capable of understanding the HTML tags and represents the correct format of the element on display.

Apart from displaying HTML page, browser has many other functions such as it allows us to connect to the internet, navigate through pages, maintain history of web browsing, keep bookmarks for the purpose of faster web access, etc.

Some of the different web browser available are Google Chrome, Internet Explorer, Firefox, Safari, Opera, etc.

All browsers interpret the HTML tags in different manner and therefore same webpage may appear with a difference in different web browsers. Moreover, all browsers do not support all HTML tags and therefore some effects of tags may not be seen in some browsers as these tags are neglected if not interpreted.

Source Code:"Index" page

```
<html>
<head>
<title>POLLUTION</title>
<font face="Century Gothic" color="red"><h1 align="center">P O L L U T I O N <br><HR COLOR="RED"
SIZE="+5"></h1> </font>
</head>

<body background="123456.jpg" >
<font face="Bradley Hand ITC" size="5" color="white">
<p>Pollution is the introduction of contaminants into the natural environment that cause adverse change.
Pollution can take the form of chemical substances or energy, such as noise, heat or light. Pollutants, the
components of pollution, can be either foreign substances/energies or naturally occurring contaminants.

<p> There are several types of pollution, and while they may come from different sources and have
different consequences, understanding the basics about pollution can help environmentally conscious individuals
minimize their contribution to these dangers. In total, there are nine recognized sources of pollution in the modern
world. These sources of pollution don't simply have a negative impact on the natural world, but they can have a
measurable effect on the health of human beings as well.
</font>
<table align="center">
<CAPTION> <font size="6"  color="yellow" face="century gothic">~TYPES OF POLLUTION~</font>
</CAPTION>
<tr>
<tH><a href="airpollution.html"><font color="white" face="Century Gothic" size="4"><b> AIR POLLUTION
</b>
<br><img src="download.jpg"></TH> </a>
<TH><a href="waterpollution.html"><font color="white" face="Century Gothic" size="4"><b> WATER
POLLUTION </b>
<br><img src="download1.jpg" ></TH> </a>
<TH><a href="soilpollution.html"><font color="white" face="Century Gothic" size="4"><b> SOIL
POLLUTION </b>
<br><img src="download2.jpg"></TH> </a>
<TH><a href=NOISEPOLLUTION.html"><font color="white" face="Century Gothic" size="4"><b> NOISE
POLLUTION </b>
<br><img src="download3.jpg"></TH> </a>
</tr>
</table>
<BR>
<MARQUEE ALIGN="BOTTOM" DIRECTION="LEFT"><FONT COLOR="WHITE"> CLICK ON THE TYPE OF
POLLUTION OR IMAGE OF IT TO KNOW MORE ABOUT IT
</font>
</body>
</html>
```

Source Code:"AIR POLLUTION" page

```
<html>
<head>
<title>AIR POLLUTION</title>
<font face="Century Gothic" color="white"><h1 align="center"> <PRE> A I R   P O L L U T I O N </PRE>
<HR></h1></font>
</head>
<body background="airpollution.jpg">
<b><font face="Bradley Hand ITC" size="4" color="white">
<p ALIGN="JUSTIFY">Air pollution is the introduction of particulates, biological molecules, and many harmful
substances into Earth's atmosphere, causing diseases, allergies, death to humans, damage to other living organisms such
as animals and food crops, or the natural or built environment.
</p> </font>
<font face="Bradley Hand ITC" color="white" size="3">
<ul type="disc">
<li ALIGN="JUSTIFY"><font size="4">
Causes of Air pollution
</font>
<ol type="1">
<li ALIGN="JUSTIFY">Burning of Fossil Fuels: Sulfur dioxide emitted from the combustion of fossil fuels like coal,
petroleum and other factory combustibles is one the major cause of air pollution. Pollution emitting from vehicles
including trucks, jeeps, cars, trains, airplanes cause immense amount of pollution. We rely on them to fulfill our daily
basic needs of transportation.
<li ALIGN="JUSTIFY">Agricultural activities: Ammonia is a very common by product from agriculture related
activities and is one of the most hazardous gases in the atmosphere. Use of insecticides, pesticides and fertilizers in
agricultural activities has grown quite a lot.
<li ALIGN="JUSTIFY">Exhaust from factories and industries: Manufacturing industries release large amount of
carbon monoxide, hydrocarbons, organic compounds, and chemicals into the air thereby depleting the quality of air.
Manufacturing industries can be found at every corner of the earth and there is no area that has not been affected by it.
</ol>
<li ALIGN="JUSTIFY"><font size="4"> Effects of Air pollution </font>
<ol tpye="1">
<li ALIGN="JUSTIFY">Respiratory and heart problems: The effects of Air pollution are alarming. They are known
to create several respiratory and heart conditions along with Cancer, among other threats to the body. Several millions
are known to have died due to direct or indirect effects of Air pollution.
<li ALIGN="JUSTIFY">Global warming: Another direct effect is the immediate alterations that the world is
witnessing due to Global warming. With increased temperatures world wide, increase in sea levels and melting of ice
from colder regions and icebergs, displacement and loss of habitat have already signaled an impending disaster if actions
for preservation and normalization aren't undertaken soon.
<li ALIGN="JUSTIFY">Acid Rain: Harmful gases like nitrogen oxides and sulfur oxides are released into the
atmosphere during the burning of fossil fuels. When it rains, the water droplets combines with these air pollutants,
becomes acidic and then falls on the ground in the form of acid rain.
</ol>
</ul>
</font>
<MARQUEE ALIGN="BOTTOM" DIRECTION="LEFT">
<img src="download.jpg" height=100 width="200">
<img src="11.jpg" height=100 width="200">
<img src="7.jpg" height=100 width="200">
<IMG SRC="6.jpg" height=100 width="200">
</marquee>
<A HREF="HOMEPAGE.html"><FONT COLOR="WHITE">BACK TO POLLUTION</A></FONT>
</b>
</body>
</html>
```

Source Code:"WATER POLLUTION"

```
<html>
<head>
<title>WATER POLLUTION</title>
<h1 align="center"><font face="Bradley Hand ITC" color="blue"><PRE>W A T E R   P O L L U T I O N</PRE>
</h1></font>
</head>
<HR COLOR="DARKBLUE" SIZE="4">
<body BACKGROUND="water-pollution.jpg" text="blue"><b> <font face="Century Gothic" size="3"><b>
<font  size="4">
<p>Water pollution is the contamination of water bodies (e.g. lakes, rivers, oceans, aquifers and groundwater).
This form of environmental degradation occurs when pollutants are directly or indirectly discharged into water bodies
without adequate treatment to remove harmful compounds.
</p> </font>
<table align="center" border="1">
<tr>
<th width="50%">CAUSES:-</th>
<th width="50%">EFFECTS:-</th>
<ul type="disc"></tr>
<tr><td>
<li align="justify">Asbestos has cancer-causing properties. When inhaled, it can cause illnesses such as
asbestosis and some types of cancer
<li align="justify">Lead and Mercury-These are metallic elements and can cause environmental and health
problems for humans and animals. It is also poisonous. It is usually very hard to clean it up from the environment once it
gets into it because it is non-biodegradable.
<li align="justify"><i>Nitrates & Phosphates—</i> These are found in fertilizers, and are often washed from the
soils to nearby water bodies. They can cause eutrophication, which can be very problematic to marine environments.
<li align="justify"><i>Oils —</i> Oils form a thick layer on the water surface because they do not dissolve in
water. This can stop marine plants receiving enough light for photosynthesis. It is also harmful to fish and marine birds. A
classic example is the BP oil spill in 2012 with killed thousands of animal species.
</td>
<td>
<li align="justify"><i>Death of aquatic (water) animals</i>
The main problem caused by water pollution is that it kills life that depends on these water bodies. Dead fish,
crabs, birds and sea gulls , dolphins, and many other animals often wind up on beaches, killed by pollutants in their
habitat (living environment)..
<li align="justify"><i>Disruption of food-chains
Pollution disrupts the natural food chain as well. Pollutants such as lead and cadmium are eaten by tiny animals.
Later, these animals are consumed by fish and shellfish, and the food chain continues to be disrupted at all higher levels.
d<li align="justify"><i>Diseases
Eventually, humans are affected by this process as well. People can get diseases such as hepatitis by eating
seafood that has been poisoned. In many poor nations, there is always outbreak of cholera and diseases as a result of
poor drinking water treatment from contaminated waters.
</td></tr></table></b>
<MARQUEE ALIGN="BOTTOM" DIRECTION="LEFT">
<img src="water-pollution1.jpg" height="150" WIDTH="250">
<img src="water-pollution2.jpg" height="150" WIDTH="250">
<img src="water-pollution3.jpg" height="150" WIDTH="250">
<IMG SRC="water-pollution4.jpg" height="150" width="250">
</marquee>
</font>
<A HREF="HOMEPAGE.html">BACK TO POLLUTION</A>
</body>
</html>
```

Source Code:"SOIL POLLUTION" page

```
<html>
<head>
<title>SOIL POLLUTION</title>
<h1 align="center"><font face="Bradley Hand ITC" color="YELLOW" SIZE="40"><PRE>S O I L   P O L L U T I O
N</PRE> </h1></font>
</head>
<HR COLOR="YELLOW" SIZE="4">
<body bgcolor="brown" text="YELLOW"><b> <font face="Century Gothic" size="5"><b>
<font  size="6">
<p>Soil contamination or soil pollution as part of land degradation is caused by the presence of xenobiotic
(human-made) chemicals or other alteration in the natural soil environment. It is typically caused by industrial activity,
agricultural chemicals, or improper disposal of waste.</p> </font>
<table align="center" border="1">
<tr>
<th width="50%">CAUSES:-</th>
<th width="50%">EFFECTS:-</th>
<ul type="disc">
</tr>
<tr>
<td>
<li align="justify">Pesticides and herbicides (and other farming chemicals) often end up contamination soils.
Direct discharge of wastewater by industries can also cause that. Leakages in sewage systems, underground storage tanks
and leaching of soluble substances from landfills can also result in contamination. Rainwater or floods from other
polluted lands and water bodies spread contaminants to soils in other locations.
</td>
<td>
<li align="justify">Soil contamination can result in soil and land pollution, and affect the health of plants that
depend on them. It can also harm living organisms in the soils and humans that come into contact with them by touching,
breathing or eating crops from contaminated soils. Contaminants in soils can also get infiltrated into ground water and
pollute them.
</td>
</tr>
</table>
</b>
<MARQUEE ALIGN="BOTTOM" DIRECTION="LEFT">
<img src="soilpollution1.jpg" height="150" WIDTH="250">
<img src="soilpollution2.jpg" height="150" WIDTH="250">
<img src="soilpollution3.jpg" height="150" WIDTH="250">
<IMG SRC="soilpollution4.jpg" height="150" width="250">
</marquee>
</font>
<A HREF="HOMEPAGE.html"><FONT COLOR="yellow">BACK TO POLLUTION</A></FONT>
</body>
</html>
```

Source Code:"SOIL POLLUTION" page

```html
<html>
<head>
<title>NOISE POLLUTION</title>
<h1 align="center"><font face="Bradley Hand ITC" color="black"><PRE>N O I S E    P O L L U T I O N</PRE>
</h1></font>
</head>
<HR COLOR="black" SIZE="">
<body bgcolor="darkgrey" text="black"><b> <font face="Century Gothic" size="2"><b>
<font  size="4">
<p>Sound is essential to our daily lives, but noise is not. Noise is generally used as an unwanted sound, or sound
which produces unpleasant effects and discomfort on the ears. <table align="center" border="1"></font>
<tr>
<th width="50%">CAUSES:-</th>
<th width="50%">EFFECTS:-</th>
<ul type="disc"></tr>
<tr><td>
<li align="justify">Household sources:
Gadgets like food mixer, grinder, vacuum cleaner, washing machine and dryer, cooler, air conditioners, can be
very noisy and injurious to health. Others include loud speakers of  sound systems and TVs, ipods and ear phones.
Another example may be your neighbor's dog barking all night everyday at every shadow it sees, disturbing everyone else
in the apartment.
<li align="justify">Social events:
Places of worship, discos and gigs, parties and other social events also create a lot of noise for the people living
in that area. In many market areas, people sell with loud speakers, others shout out offers and try to get customers to buy
their goods. It is important to note that whey these events are not often, they can be called 'Nuisance' rather than noise
pollution.
<li align="justify">Commercial and industrial activities:
Printing presses, manufacturing industries, construction sites, contribute to noise pollutions in large cities. In
many industries, it is a requirement that people always wear earplugs to minimize their exposure to heavy noise. People
who work with lawn mowers, tractors and noisy equipment are also required to wear noise-proof gadgets
</td>
<td>
<li align="justify">Hearing
The immediate and acute effect of noise pollution to a person, over a period of time, is impairment of hearing.
Prolonged exposure to impulsive noise to a person will damage their eardrum, which may
result in a permanent hearing impairment.
<li align="justify">Marine Animals
Marine scientists are concerned about excessive noise used by oil drills, submarines and other vessels on and
inside the ocean. Many marine animals, especially whales, use hearing to find food, communicate, defend and survive in
the ocean. Excessive noises are causing a lot of injuries and deaths to whales. For example, the effect of a navy
submarine's sonar can be felt 300 miles away from the source
<li align="justify">Effects on general health
Health effects of noise include anxiety and stress reaction and in extreme cases fright. The physiological
manifestations are headaches, irritability and nervousness, feeling of fatigue and decreases work efficiency.
</td></tr></table></b>
<MARQUEE ALIGN="BOTTOM" DIRECTION="LEFT">
<img src="noisepollution1.jpg" height="150" WIDTH="250">
<img src="noisepollution2.jpg" height="150" WIDTH="250">
<img src="noisepollution3.jpg" height="150" WIDTH="250">
<IMG SRC="noisepollution4.jpg" height="150" width="250">
</marquee>
</font>
<A HREF="HOMEPAGE.html"><FONT COLOR="black">BACK TO POLLUTION</A></FONT>
</body>
```

CONCLUSION

In today's era, the major mechanism for sharing or gaining knowledge is through the internet. The basic technology on designing all these web pages of information is the HTML. The specialty of this language is it is not a programming but a formatting language. i.e. it does not define the flow or processing of activities and give results but is used to decide on how attractive and appealing the information appears on the web.

HTML is capable of utilizing all forms of display media such as plain text, images, audio, video, animation with all options of formatting them. It helps easy navigation amongst hundreds of the pages, within the same website or outside with the use of hyperlinks.

This project is the outcome of use of HTML to present information about Pollution & its types

Learning and using HTML is the basis of web-page designing It is easy language to learn & useful for beginners to learn web-page designing.

REFERENCES

Books :

1. Computer Science XII - By R.D.Supekar

2.

3.

Websites :

1. http://www.w3schools.com

2. http://eschooltoday.com/pollution

3. http://wikipedia.org/pollutions

4. http://google.co.in/images