JAVA INSTITUTE FOR ADVANCED TECHNOLOGY
Department of Examinations

ISO 9001:2008 Certified Institute

COURSE(S) – (LEADING TO)	PROFESSIONAL DIPLOMA IN SOFTWARE ENGINEERING
UNIT NAME	WEB PROGRAMMING 1
UNIT ID	H7DT 04
ASSIGNMENT ID	H7DT 04/AS/01
DESCRIPTION	DESIGN A STATIC WEBSITE USING HTML AND CSS (THIS ASSIGNMENT IS INTENDED TO CHECK THE KNOWLEDGE OF HTML AND CSS)
DURATION	2 WEEKS
WORD COUNT	-
SUBMISSION VIA	ONLINE (STUDENT PORTAL)
DOCUMENT FORMAT	MICROSOFT WORD OFFICE DOCUMENT

GUIDE LINES FOR CANDIDATES

- Students are expected to use reference books, the Internet, journals and other similar sources in order to accomplish the task specified above.
- Students are expected to refrain from repeating any content in their research document.
- Students will be penalised for any plagiarism.

NAME	: ....
	(BLOCK CAPITALS)
ADMISSION NO	: ....
NIC NO	: ....

Java Institute for Advanced Technology
Sri Lanka

Web Programming 01 – Design an e-commerce web application

"New Tech" is a company that buys and sells quality **electronic items**. At present they are using a customer care service to order items over the phone. At the Annual General Meeting of **New Tech** held on the 20th January 2022, they have decided to develop a Web Application to expand their selling rates. So, they have decided to call tenders from Software Development companies. Your company also have sent a tender and fortunately, New Tech has selected your company as their software developer. According to the contract your company has to develop a fully functional, e-commerce web application.

As the first step you have to complete the design in a week.

You have to design,

- A Customer Login and Registration page.
- Home page
- Product listing and single product view.
- Cart and Watchlist.
- Purchased History and Invoicing.
- Product adding and updating
- Advanced search
- Admin Sign in.
- Admin Panel
- Manage Products and Manage Users

You have to use input fields, dropdowns, buttons, checkboxes, radio buttons, navbars and sliders when you design the above-mentioned pages.

Note:

- Use HTML, CSS, Bootstrap, JavaScript for your design.
- You can use bootstrap components for the design.
- Do not use templates for your design. You have to make the design by yourself.
- You can add more pages for the design if you want.
- Students do not need to program for the backend process. Only the design is required.