



National Skill Competition



Information Technology

Test Project



Skill Area: WEB PAGE DESIGN

National Skills Competition Date: March 30 and 31, 2005

Skills Jamaica Competition March 30-31, 2005

General Instructions

- (1) Each competitor will be required to carry out the test project as specified on the schedule to be handed out two days before the competition.
- (2) The time will be specified according to the test project.
- (3) Minor adjustments may be made to the test project on the day of the competition where a new test project will be issued to the competitor.
- (4) Competitors are expected to identify all equipment/ materials/ingredients needed and submit list to the competitions committee no later than January 28, 2004.**
- (5) Please note that all competitors should provide their own small tools and utensils.**
- (6) Competitors will be given a schedule two days before the competition. Debriefings will also be conducted for all competitors on March 28, 2004.
- (7) All competitors will get an opportunity to arrange work areas the day before the competition. Where applicable competitors for the second day will arrange their work areas on the evening of day one. Competitors who fall in the second shift will get an opportunity to do their preparation at offsite locations (to be decided) where necessary.
- (8) All competitors should be present for the opening ceremony along with their instructors/coaches.
- (9) Rehearsal for the opening ceremony will be held on the evening of March 28, 2005 in the Indoor Sports Centre.

**National Skills Competition
Web Page Design
Test Project - 2005**

You are required to create a website about different cultures in Jamaica.

Time 12 hours

Company name: Jamaican Cultures.com

Type of Business: JamaicanCultures.com is involved in giving information about different cultures in Jamaica.

Website Specifications

1. The site should contain web pages about Music, Religion, Sports, Crafts and Food in Jamaica.
2. Design an appropriate feedback form that is used to gather feedback (about the website) from the visitors of the website. Validate all the details in the form using JavaScript. Apply server side scripting to save the details.
3. Navigation buttons should be specified for all the web pages.
4. Disable the Right Click of the mouse on images on all the web pages.
5. When the home page is loaded, a popup window should be opened that displays a welcome message (apply Animation). The popup window should close automatically after 15 seconds or option should be given for the user to close the window.
6. The site should contain an About Us page that contains information about the company.
7. Write server side scripts to create a bulletin board system that would help users to share their views about the different cultures in Jamaica.

The bulletin board system should contain the following functionalities.

- a. Users can post messages.
- b. The message that is new (not read by anyone) should be marked as NEW.
- c. Users can reply to messages.
- d. Indicate the total number of messages in the bulletin board.

Technical Skills

1. Design the web site using HTML and/or DHTML using a Web editor.

2. Utilize style sheets to maintain consistency in the web pages.
3. Utilize frames and framesets effectively to organize web documents. [Note: It is not compulsory that the whole website should be created using frames]
4. Apply client side scripting using JavaScript.
5. Apply server side scripting using ASP or PHP. The database can be Ms Access.
6. Create graphics using graphics software.
7. Effective use of animations.
8. Images used should be optimized for the web.
9. The website should comply with w3c standards.

List of software

Utilize any combination of the following: -

- Web Editor [Microsoft FrontPage, Dream weaver]
- Graphics software - Paint Shop Pro, PhotoShop
- Web Browser – Internet Explorer
- ASP
- PHP
- MS Access
- Web Server- IIS, Apache