Adding File Upload to a CRUD Application – Quiz Questions

By Graham Bewley

For the following questions, the correct answer will always be the first one.

1. In the data type "MEDIUMBLOB", what does BLOB stand for?
   a. Binary Language Object
   b. Boolean Logic Object
   c. Bitmap Linked Object
   d. Binary Language Optical Bitmap

2. Which of the following will convert the selected file into a binary object that we can store?
   (Assume that userfile is the name of the file selected) (Source: Tutorial code)

   a.
   ```
   $tmpName  = $_FILES['userfile']['tmp_name'];
   $fp       = fopen($tmpName, 'r');
   $content  = fread($fp, filesize($tmpName));
   $content  = addslashes($content);
   ```
   b.
   ```
   $tmpName  = $_POST['userfile']['tmp_name'];
   $fp       = fopen($tmpName, 'r');
   $content  = fread($fp, filesize($tmpName));
   $content  = addslashes($content);
   ```
   c.
   ```
   $tmpName  = $_FILES['userfile']['tmp_name'];
   $userfile = fopen($tmpName, 'r');
   $content  = addslashes($userfile));
   ```
   d.
   ```
   $tmpName  = $_FILES['userfile']['tmp_name'];
   $fp       = fopen($tmpName, 'r');
   $content  = addslashes($fp);
   ```

3. In order to keep details of the selected file from the user, which HTML input type is used?
   a. `input type="hidden"`
   b. `input type="protected"`
   c. `input type="userfile"`
   d. `input type="private"`

4. Once an image is uploaded to the database as a MEDIUMBLOB, the file cannot be displayed on a web application page as easily as a VARCHAR. What is necessary in order to convert the binary object into an image that can be displayed on the screen. Fill in the blanks:

```php
<?php
echo '<img src="data:image/jpeg;_____,' . _____( $data['image'] ) . '" />';
?>
```

    a. `base64, base64_encode`
    b. `data, decode`
    c. `base64, base64_decode`
    d. `base64, decode`

5. When we select a file for upload, we cannot use textboxes like those used typically. What input type is used instead?
    a. `input type="file"`
    b. `input type="MEDIUMBLOB"`
    c. `input type="image"`
    d. `input type="userfile"`