This work by the National Information Security and Geospatial Technologies Consortium (NISGTC), and except where otherwise noted, is licensed under the Creative Commons Attribution 3.0 Unported License.

Authoring Organization: Collin College

Written by: Original Author, Elizabeth Pannell; Edited Version, Susan Sands

Copyright: © National Information Security, Geospatial Technologies Consortium (NISGTC)

Development was funded by the Department of Labor (DOL) Trade Adjustment Assistance Community College and Career Training (TAACCCT) Grant No. TC-22525-11-60-A-48; The National Information Security, Geospatial Technologies Consortium (NISGTC) is an entity of Collin College of Texas, Bellevue College of Washington, Bunker Hill Community College of Massachusetts, Del Mar College of Texas, Moraine Valley Community College of Illinois, Rio Salado College of Arizona, and Salt Lake Community College of Utah.

This workforce solution was funded by a grant awarded by the U.S. Department of Labor's Employment and Training Administration. The solution was created by the grantee and does not necessarily reflect the official position of the U.S. Department of Labor. The Department of Labor makes no guarantees, warranties or assurances of any kind, express or implied, with respect to such information, including any information on linked sites, and including, but not limited to accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability or ownership.
Quiz 2: ITunes App Store

1. Which of the following is NOT a type of In-app purchase?
   a. Consumable
   b. Non-consumable
   c. Non-renewing prescriptions
   d. Auto-renewable subscriptions

2. What are the benefits of researching a potential app before developing the app?
   Research helps a developer get an overview of the app market and gain valuable insight on current and historical performance, market trends, and app lifecycles.

   How would a single line comment be indicated?
   a. Enclose the comment in curly braces {}  
   b. Enclose the comment in brackets []  
   c. Use the // characters to begin the comment  
   d. Use the /* characters to begin the comment

Refer to the code below to answer questions 4 and 5

```c
#import <UIKit/UIKit.h>
@interface ViewController : UIViewController
@property (weak, nonatomic) IBOutlet UIImageView *picView;
@property (weak, nonatomic) IBOutlet UILabel *picLabel;
- (IBAction)showButton:(id)sender;
@end
```

3. In the code shown above, how many instance variables are being declared?
   a. 0  
   b. 1  
   c. 2  
   d. 3

4. How is an action or method which will be visible inside the Interface Builder section indicated?
   a. # import  
   b. @interface  
   c. @property  
   d. -(IBAction)

5. Which of the following is an invalid variable name?
   a. PuPPy  
   b. 1puppy  
   c. Puppy1  
   d. _1Puppy

6. Blocks are used to handle a problem with callbacks. Which character is used to indicate a block?
7. A timer with a time interval, a target, and an action is created. After the interval has elapsed, the timer sends the action message to its target. What type of callback is being used?
   a. Helper object
   b. Notification
   c. Target-action
   d. This example would not use a callback

Refer to the code below for questions 9 and 10.

```objective-c
- (IBAction)capButton:(id)sender
    NSString *message=_capInput.text;
    _capLabel.text=message;
    [_capInput resignFirstResponder];
}
```

8. Which line of code above has an error?
   a. Line 1
   b. Line 2
   c. Line 3
   d. There are no errors in the code

9. What is the result of the last line of code?
   a. Clears the screen
   b. Clears the keyboard
   c. Clears the message
   d. Clears the action