1. Which lines of code reset the shapes to rectangles?
   ```
   shpP1(z).shape = 0
   shpP2(z).shape = 0
   ```

2. Write code that resets the shapes to circles.
   ```
   shpP1(z).shape = 3
   shpP2(z).shape = 3
   ```

3. Name of the variable array that is storing the shape information about Pattern 1?
   ```
   ShapePattern1
   ```

4. How could we randomly generate the BorderStyle and BorderWidth properties of the patterns?
   ```
   Add these lines of code to Private Sub cmdGenerate_Click(), inside the loop.
   ```
   ```
   shpP1(z).BorderStyle = Int(Rnd() * 6) + 1
   shpP1(z).BorderWidth = Int(Rnd() * 8) + 1
   ```

5. What does each of the following lines do?
   ```
   shpP1(z).BorderStyle = Int(Rnd() * 6) + 1
   This generates a random number between 1 and 6, which corresponds to the 6 (non-transparent) different BorderStyle property settings.
   ```
   ```
   shpP1(z).BorderWidth = Int(Rnd() * 8) + 1
   This generates a random number between 1 and 8, which is used as the border width value (larger numbers could be used if desired).
   ```

6. Which section of code slows down the running of the program?
   ```
   Sub Wait (x as single)
   ```

7. ‘x as single’ is a parameter variable declaration. How is this different to the other declarations?
   ```
   A value is passed on from the line that calls the subroutine, e.g. Wait 0.1
   ```

8. a. Modify the Frame containing the shape style option buttons so that it includes the rounded square and rounded rectangle.
   ```
   Add 2 option buttons by copying and pasting the last one. Make sure that they are part of the existing array and ‘bound’ to the frame (check by dragging the frame in Design View - the option buttons should move with the frame).
   ```
   ```
   b. Modify the code accordingly to activate the new buttons.
   ```
   shpP1(z).Shape = Int(Rnd() * 6)  'creates a random number between 0 and 5
   ```

9. What other properties of the shapes could be randomly generated, stored and recalled?
   ```
   a. Fill Color
   Use RGB Function for this (RGB (Rnd*255,rnd*255,Rnd*255))
   b. Fill Style
   0 - 7
   c. Width
   50 - 200 (suggested limits)
   d. Height
   50 - 200 (suggested limits)
   ```

10. Name some other applications of control arrays.
    ```
    e.g. 1 An array of images that randomly changes (using a timer perhaps).
    e.g. 2 An array of lines that grows/shrinks for graphical effect.
    ```