Picture Lab Questions for labs 5 and 7

Questions

1. Open Picture.java and look for the method getPixels2D. Is it there? No, but there are references to the getPixel2D method.
2. Open SimplePicture.java and look for the method getPixels2D. Is it there?

Yes.

1. Does the following code compile? DigitalPicture p = new DigitalPicture(); No.
2. Assuming that a no-argument constructor exists for SimplePicture, would the following code compile? DigitalPicture p = new SimplePicture(); Yes.
3. Assuming that a no-argument constructor exists for Picture, does the following code compile? DigitalPicture p = new Picture(); Yes.
4. Assuming that a no-argument constructor exists for Picture, does the following code compile? SimplePicture p = new Picture(); Yes.
5. Assuming that a no-argument constructor exists for SimplePicture, does the following code compile? Picture p = new SimplePicture(); No.
6. How many times would the body of this nestled for loop execute?

for(int row = 7; row < 17; row++)

for(int col = 6; col<15; col++)

90 times, if nothing in the body of the for loop changed the row or col values.

1. How many times would the body of this nestled for loop execute?

for(int row = 5; row<=11; row++)

for(int col = 3; col<=18

112 times, if nothing in the body of the for loop changes the row or col values.