

QUESTIONS

A1.

1. 8 bits (1 byte) from 0-255
2. 3 bytes in RGB model
3. $640 * 480 = 307,200$ pixels

A2.

4. Pink -> Red = 255, Green = 0, Blue = 255
5. Yellow -> Red = 255, Green = 255, Blue = 0
6. Purple -> Red = 100, Green = 0, Blue = 100
7. White -> Red = 255, Green = 255, Blue = 255
8. Dark Gray -> Red = 100, Green = 100, Blue = 100

A3.

1. Row = 0
2. Col = 0
3. 639
4. 479
5. Top to bottom
6. Left to right

A5.

1. No, not there
2. Yes it's in simplePicture
3. No, because it's an interface
4. Yes, complies
5. Yes, compiles
6. Yes, compiles
7. No, doesn't compile