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Intro to OS

Lab 5

1. The size of the page in paging systems are always powers of 2 because they must represent each part in memory
2. Assuming 1 KB (1024 bytes) page size:
   1. floor(3085 / 1024) = 3; 3085 % 1024 = 13  
      **Page 3; Offset 13**
   2. floor(42095 / 1024) = 41; 42095 % 1024 = 111  
      **Page 41; Offset 111**
   3. floor(215201 / 1024) = 210; 215201 % 1024 = 161  
      **Page 210; Offset 161**
   4. floor(650000 / 1024) = 634; 650000 % 1024 = 784  
      **Page 634; Offset 784**
   5. floor(2000001 / 1024) = 1,953; 2000001 % 1024 = 129  
      **Page 1,953; Offset 129**
3. C program attached
4. C program attached