Extraction Steps:

1. Take the stego image, split it into 3 separate planes(red, blue, green).
2. Assume: Blue Plane is used as indicator. Red Plane is used for deciding the no. of bits to be embedded in one block. Green Plane is used for hiding the secret information.
3. Split each plane into 2\*2 blocks.
4. Select indicator plane
   1. Let us consider a 2\*2 block of blue plane as A, and block element as P,Q,R and S.
   2. A =
   3. X1=last bit of P, x2=last bit of Q.
   4. If x1=0 and x2=1
      1. (Whole Message has been extracted) exit.
   5. If x1=0 and x2=0
      1. There is no message in the green plane.
   6. If x1=1 and x2=1
      1. Let us consider a 2\*2 block of red plane as B
      2. B =
      3. X1=last bit of P, X2=last bit of Q.
      4. If X1=0,x2=1 M=1
      5. If X1=1,x2=0 M=2
      6. If X1=1,x2=1 M=3
      7. Now extract the message from green plane
         1. Let us consider a 2\*2 block of red plane as C
         2. C =
         3. Now extract the last M bits of P and Q.
5. After extracting the whole all the bits of message
   1. If the number of extracted bits are not multiple of 8( because the original message was in the form character and the length of char is 8bits so the total bits of whole message was multiple of 8.) delete the extra bits from the extracted bits.
   2. X=number of bits ectracted
   3. Y=X MOD 8.
   4. MSG=X-Y.
   5. MSG will be real Message.