```
def bit_strings(n):
        if n == 0:
            return []
        if n == 1:
            return ['0', '1']
        return [digit + bitstring for digit in bit_strings(1) for bitstring in
               bit_strings(n-1)]
     print(bit_strings(2))
     Explanation for bit_strings backtracking algorithm -
                              bitstoings(1)
      bit strings(1)
O/P => ['00', '01', '10', '11]
```