function getCoinInfo(amount){

  let fiveCoins = 0;

  let threeCoins = 0;

  let oneCoins = 0;

  let pending = amount % 5;

  fiveCoins = (amount - pending)/5;

  switch(pending){

    case 4 : threeCoins = 1;

      oneCoins = 1;

      break;

    case 3 : threeCoins = 1;

      break;

    case 2 : oneCoins = 2;

      break;

    case 1 : oneCoins = 1;

  }

  console.log('five : ',fiveCoins,'threeCoins : ',threeCoins, 'oneCoins : ',oneCoins);

  console.log('total : ',fiveCoins+threeCoins+oneCoins);

}

function getCoinInfoNew(amount,coin){

  if(amount<=2)

    return amount==2?2:(amount==1)?1:0;

  else{

    let pending= amount% coin;

    coin = (amount-pending)/coin;

    return coin + getCoinInfoNew(pending,3);

  }

}

getCoinInfo(104);

console.log('From recursive :',getCoinInfoNew(104,5));