|  |  |
| --- | --- |
| 학번 | 이름 |
| 10151289 | **남현우(팀장)** |
| 10140496 | **김기완** |
| 10170546 | **김유진** |
| 10141318 | **김정우** |
| 10151789 | **김태양** |

Crack\_Mission

- 3조 팀 프로젝트 -

**목차**

**1.** [**정적과 동적 분석 툴 3**](#_Toc24323408)

2. [패킹 여부 확인 3](#_Toc24323409)

3. [프로그램 언어 확인 4](#_Toc24323410)

4. [동적 분석을 이용해 비밀 번호 알아 내기(단계별) 4](#_Toc24323411)

5. [알고리즘 11](#_Toc24323413)

**6.** [**참고 자료 12**](#_Toc24323414)

**7.**

**1. 정적과 동적 분석 툴**

|  |  |
| --- | --- |
| Name | Version |
| Detect It Easy(정적) | **2.04** |
| Olly dbg(동적) | **1.10** |

**[다운로드 URL]**

**- Detect It Easy :** [**http://ntinfo.biz/index.html**](http://ntinfo.biz/index.html)

**- Olly dbg :** [**http://www.ollydbg.de/**](http://www.ollydbg.de/)

**2. 패킹 여부 확인**

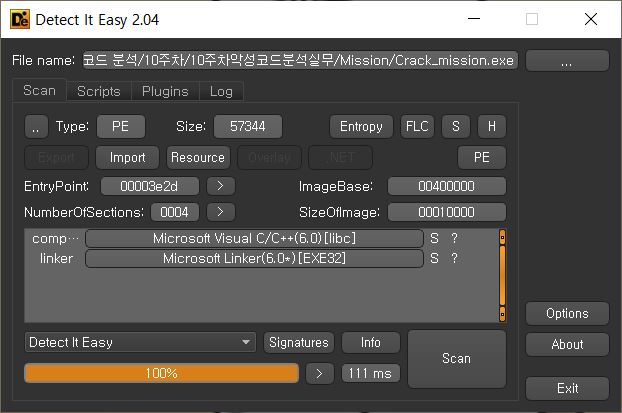
* ![스크린샷, 모니터, 검은색, 화면이(가) 표시된 사진

  자동 생성된 설명](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAeAB4AAD/4RDcRXhpZgAATU0AKgAAAAgABAE7AAIAAAAKAAAISodpAAQAAAABAAAIVJydAAEAAAAIAAAQzOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAOq5gOycoOynhAAABZADAAIAAAAUAAAQopAEAAIAAAAUAAAQtpKRAAIAAAADNjkAAJKSAAIAAAADNjkAAOocAAcAAAgMAAAIlgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAADIwMTk6MTE6MTAgMTQ6Mjc6MTkAMjAxOToxMToxMCAxNDoyNzoxOQAAAECuIMfEyQAA/+ELHGh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iLz48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOnhtcD0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLyI+PHhtcDpDcmVhdGVEYXRlPjIwMTktMTEtMTBUMTQ6Mjc6MTkuNjg2PC94bXA6Q3JlYXRlRGF0ZT48L3JkZjpEZXNjcmlwdGlvbj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOmRjPSJodHRwOi8vcHVybC5vcmcvZGMvZWxlbWVudHMvMS4xLyI+PGRjOmNyZWF0b3I+PHJkZjpTZXEgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOmxpPuq5gOycoOynhDwvcmRmOmxpPjwvcmRmOlNlcT4NCgkJCTwvZGM6Y3JlYXRvcj48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAcFBQYFBAcGBQYIBwcIChELCgkJChUPEAwRGBUaGRgVGBcbHichGx0lHRcYIi4iJSgpKywrGiAvMy8qMicqKyr/2wBDAQcICAoJChQLCxQqHBgcKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKir/wAARCAGdAm4DASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwD2nw34b0OfwrpM0+jafJLJZQs7vaoWYlASSSOTWn/wi3h//oBaZ/4Bx/4UeFv+RO0b/rwg/wDRa15n8SfiLYeB9dn/ALWGqzi4uNkK2l5IixhYYSRtDgDlyfxNctet7GCai5Nu1l6X/QuMeZ7npn/CLeH/APoBaZ/4Bx/4Uf8ACLeH/wDoBaZ/4Bx/4V4PB8bNK1OG6i02PXF1KOJnt7Se+nHnsBnaCJDzjnHftXW/DjxNqPiC60O8v0v7KW5llWS1mvJpFIEUhB2ux4yARkdq5I4/3lGdNxu0tbdfmbrDtxbUr2Vz0v8A4Rbw/wD9ALTP/AOP/Cj/AIRbw/8A9ALTP/AOP/CjW/Emm+H2tV1JrkyXbskEVrZzXLyFV3HCxIx4AznFO0bxFpeveeum3DNNbELPbzwvBNCSMrvikCuuRyMgZHIzXqWTOUb/AMIt4f8A+gFpn/gHH/hR/wAIt4f/AOgFpn/gHH/hWozKiF3YKqjJJOABTLe4hu7aO4tZY54JUDxyxsGV1IyCCOCCO9FkBnf8It4f/wCgFpn/AIBx/wCFH/CLeH/+gFpn/gHH/hWrURurdbxbRp4hcuhkWEuN7ICAWC9cAkDPuKLIDP8A+EW8P/8AQC0z/wAA4/8ACj/hFvD/AP0AtM/8A4/8Kt3+p2mlrA19L5QuLhLaL5S26RzhV4Bxk9zxUsN1b3LzJbzxStA/lyrG4YxvgHa2OhwQcHsRRZAZ/wDwi3h//oBaZ/4Bx/4Uf8It4f8A+gFpn/gHH/hUer+LNK0TUYrC9N7JdzRGZIbPTri6bYCAWIiRsDJA5x1rVt51ubaOeMSKkqB1EkbRsARnlWAKn2IBFFla4eRnf8It4f8A+gFpn/gHH/hR/wAIt4f/AOgFpn/gHH/hWrRRZAZX/CLeH/8AoBaZ/wCAcf8AhR/wi3h//oBaZ/4Bx/4VPq2sWeiWi3F+0213EaJBbyTySMQThY41ZmOATwDgAnoKNI1mx12x+16ZM0kQdo2DxtG8bqcMro4DKwPZgDRZAQf8It4f/wCgFpn/AIBx/wCFH/CLeH/+gFpn/gHH/hUNj4x0PUtXGm2d473DGQRsbeRYpihw4jlKhJCvcIxIwfQ1bk13TYvEMOhPdKNTnt2uY7cKSTEpClicYAyQOTzzjoaLICL/AIRbw/8A9ALTP/AOP/Cj/hFvD/8A0AtM/wDAOP8AwrVoosgMr/hFvD//AEAtM/8AAOP/AAo/4Rbw/wD9ALTP/AOP/CtWiiyAyv8AhFvD/wD0AtM/8A4/8KP+EW8P/wDQC0z/AMA4/wDCtWiiyAxJ/Bfha5AFz4a0iYDp5lhE2PzWlg8G+GLUEW3hzSIQeojsYl/ktbVFMDL/AOEX0D/oB6b/AOAkf+FH/CL6B/0A9N/8BI/8K1KKAMv/AIRfQP8AoB6b/wCAkf8AhR/wi+gf9APTf/ASP/CtSigDL/4RfQP+gHpv/gJH/hSf8Iv4f/6Aem/+Akf+FatFAGLJ4M8Ly/63w3pD/wC9YRH/ANlpI/BPhWE5i8M6Oh9VsIh/7LW3RQBiSeCfCszh5vDOjyMOjNYREj/x2ll8G+GJ4xHN4c0iRB0V7GIgfhtraooAx4vCPhuCPZD4e0qNP7qWUYH5baj/AOEI8KFy58M6NuPU/wBnxZ/9BrcooAwm8D+E3+/4Y0Zvrp8R/wDZaj/4QDwb/wBCloX/AILYf/ia6GigDn/+EB8HDp4T0P8A8FsP/wATUieCPCkRzH4Y0ZD/ALOnxD/2WtyigDKHhbw+BgaFpoH/AF5x/wCFL/wi+gf9APTf/ASP/CtSigDL/wCEX0D/AKAem/8AgJH/AIUf8IvoH/QD03/wEj/wrUooAy/+EX0D/oB6b/4CR/4Uf8IvoH/QD03/AMBI/wDCtSigDL/4RfQP+gHpv/gJH/hR/wAIvoH/AEA9N/8AASP/AArUooAy/wDhF9A/6Aem/wDgJH/hR/wi+gf9APTf/ASP/CtSigDL/wCEX0D/AKAem/8AgJH/AIUf8IvoH/QD03/wEj/wrUooAy/+EX0D/oB6b/4CR/4Uf8IvoH/QD03/AMBI/wDCtSigDL/4RfQP+gHpv/gJH/hUcvhHw3Mmybw9pUi+j2UZH/oNbFFAGDH4F8JQvuh8LaLG3qunxA/+g1Z/4RXw9/0AtM/8A4/8K1aKAMr/AIRXw9/0AtM/8A4/8KP+EV8Pf9ALTP8AwDj/AMK1aKVkBlf8Ir4e/wCgFpn/AIBx/wCFH/CLeH/+gFpn/gHH/hWrTJpRDFvKs3IAC4ySTgdfrRZAZv8Awi3h/wD6AWmf+Acf+FH/AAi3h/8A6AWmf+Acf+FXvtEv/PnN+af/ABVSQyiaLeFZeSCGxkEHB6fSiyAzf+EW8P8A/QC0z/wDj/wo/wCEW8P/APQC0z/wDj/wrVoosgMr/hFvD/8A0AtM/wDAOP8Awo/4Rbw//wBALTP/AADj/wAK1aKLIDK/4Rbw/wD9ALTP/AOP/Cj/AIRbw/8A9ALTP/AOP/CtWs3TddtdS1C+sFWW3vbGTbNbzqFfYSdkq4JDRuASGHoQcMrKCyAZ/wAIt4f/AOgFpn/gHH/hR/wi3h//AKAWmf8AgHH/AIU+3121u/EFzpNoss8lpGGuZkUGKBzjbEzZ/wBYVO7aAcAZbG5d2lRZAZX/AAi3h/8A6AWmf+Acf+FcP8V9F0vTvCttNp+m2drK16ql4IFRiNjnGQOnA/KvTa8/+Mn/ACJ1r/1/p/6LkqZpcrGtzq/C3/InaN/14Qf+i1r5r/aVkA8WWgJwFvGJz/1wt6+lPC3/ACJ2jf8AXhB/6LWuB8d/CeTxn4guLy7t7C4gMgeDzbqSNl/dRo2QqEdU9a58RzWhKKvZ9PRr9TWkottN29fU8S8cajpeoeNLDWtDeK9ntzDbo1r8ymdmZlJ2/ewq9B1JAr0P4Ya1q2p+PLOHW7J4JIbmTy5jA0QnUwS87WJwR6ZqeL9n97e2lgt7LSVjlILg3kxOR0IPl8EZPPvXQeCPhVqHhTxNaX+NPS3jkeSYxXEkkkhMToDlkGeW7n1ry6eHkpQXI/da1dtr+p6rqU1Cb51qnor/AOR1niP/AJH7wd/13u//AEmasLxfqU1v4v1DVfDSRz32ieHLwXbp8wWRijwRN2LfI77euD/tDPb6toOj6/DHFrulWOpxxNujS8tkmCHpkBgcGp9O02x0ixjstJsrextI87ILaJY41ycnCqABkkn8a9636/irfqeKnb+vO55ppOj65PbrNeahG2l6hpUrzmLxPdXcl2dqsk0WY4/KwTz5ZC4cDHArO09L+Hw14A0PRpXe11TTGupVuNdubQzyrFERGk6iSRQAzN5abRhT0AIPqemeG9D0W4nn0fRtP0+a4/10lrapE0vOfmKgE8nvUTeEvDjaU2mN4f0s6e8vnNaGyj8ppP75TGN3vjNPr936/wCf4ErZfP8AFL/L8Th7Iaw2p6F4W8Tau0dtcfbn8zT9TkZ5zE6eVbNc4jkLIrOWxhm8vkn5s3P7DsF+L2jGO+1Ccw6RclGbVJ2yY54VCsA+GAzhg2dxAL7iM12U/h3RLnRo9IudHsJtMjACWUlqjQrjphCNox9KV9A0aQWAfSbFhpuPsINsh+y4AA8vj5MYH3cdBTWjT7f5NffqD1TXf/O5i+Pf+PXQf+w9Zf8Ao0VQ8AaTa2XiLxfNBNeO66u0RWa+mmUAwQt913I3ZP3sZxgZwAK7S4tbe7EYuoIphHIsqCRA2x1OVYZ6EHoe1Qx6Tp0OqzanDp9rHqE6COW7WFRLIoxhWfGSBgcE9qUfdv8AP8eX/L8Ry1t8vwv/AJ/gcjrUOrzfFq0GhX1lZzDQ5S73lm9yrL58fAVZY8HPfJ+lUfHF/PdT3WmxPObvStLF5eXSazNpNtCH3gOvlb3dsxsdrZQAdcnns9W8MaBr8kcmu6HpupvECsbXlpHMUB6gFgcU2Xwp4emNkZtB0yQ2ChLMvZxn7Mo6CPj5B9MVNnycvr+N3+pV/e5vT8Lf5HAXmoanN4d0bxTq9xfXumQ6HBc3kOl6i1pPbSlS7XBjUqsynAG1mwNp2q2SKu6Tf6hc61beE/7QuzNY6rNdzztMxklslCyxKzE5wTPEhz1COPUV2dx4X8P3clk91oemzPYKq2bSWkbG2AxgR5HyAYGMY6VT0LQ7yHxFquv6zHaR318sVvHHayGRYoI9xUF2VSWLOxPGB8o5xk6XXNfpq/xuv67XM7Wjb+trf5/O2xb8Q69HoNlE/kSXd3dTC3s7SIgNcSkEhcnhQACSx4ABPtWbo+ny6Dpd3/a1/ajWdbupJ2VH2xmdowBFFuwWCpGOcZO0tgdBtaromla9bLb65plnqUCPvWK8t0mVWxjIDAgHBPPvUFh4X8P6UkaaZoem2SxTeei29pHGEk27d4wBhtpIz1wcVm1dNPrp8tP6+4u9rW/p6nn1lMB4D+G8ekQefewTRsLaMhXJitpROuSQFO7KkkgAnB64qton9rW3xU0W91vw5qkOq6lb3jXcsk1qyICbcKqbZmPlRAAdNxLFgpJOPULXQtIsdUuNSstKsre/uuJ7qG3RJZuc/M4GW5A6mrT2tvJdxXUkETXEKskczIC6K2NwB6gHauR3wPStL+9zd7v71Ym2lu2n9feS0UUVIwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDN1fS7vUvJ+x67qGkeXu3fYo7dvNzjG7zon6Y4xjqc54xm/8Ivq/wD0PfiD/vxp/wD8i10lFABRRRQAUUUUAFQXn+oX/rrH/wChrU9NeNJUKSKrqeqsMg0AOqCz/wBQ3/XWT/0NqPsNp/z6w/8AfsVKkaRIEjVUUdFUYAoAdRRRQAUUUUAFcH4vgufFGsx6b4QufsOt6bnztcVdy6erAEwkdJWcbSYzwo2ucER7u8qK3tLezjdLSCKBHkaVliQKGdmLMxx1JYkk9ySaAOe8E3NnDpjaJHZf2ZqGnf8AH3ZNIZG3MSfOEh5lWQ7mEh5Y7t2GDAdNURtLdrxLtoIjcxxtEk5Qb1RiCyhuoBKqSO+0elS0AFef/GT/AJE61/6/0/8ARclegV5/8ZP+ROtf+v8AT/0XJUz+FjW5X0T4ueCNN8P6fY3ut+Vc2trFDMn2Sc7XVAGGQmDyD0q9/wALp8Af9B//AMk5/wD4ivlfUP8AkJXP/XZ/5mq9NbCPrD/hdPgD/oP/APknP/8AEUf8Lp8Af9B//wAk5/8A4ivk+imB9Yf8Lp8Af9B//wAk5/8A4ij/AIXT4A/6D/8A5Jz/APxFfJ9FAH1h/wALp8Af9B//AMk5/wD4ij/hdPgD/oP/APknP/8AEV8n0UAfWH/C6fAH/Qf/APJOf/4ij/hdPgD/AKD/AP5Jz/8AxFfJ9FAH1h/wunwB/wBB/wD8k5//AIij/hdPgD/oP/8AknP/APEV8n0UAfWH/C6fAH/Qf/8AJOf/AOIo/wCF0+AP+g//AOSc/wD8RXyfRQB9Yf8AC6fAH/Qf/wDJOf8A+Io/4XT4A/6D/wD5Jz//ABFfJ9FAH1h/wunwB/0H/wDyTn/+Io/4XT4A/wCg/wD+Sc//AMRXyfRQB9Yf8Lp8Af8AQf8A/JOf/wCIo/4XT4A/6D//AJJz/wDxFfJ9FAH1h/wunwB/0H//ACTn/wDiKP8AhdPgD/oP/wDknP8A/EV8n0UAfWH/AAunwB/0H/8AyTn/APiKP+F0+AP+g/8A+Sc//wARXyfRQB9Yf8Lp8Af9B/8A8k5//iKP+F0+AP8AoP8A/knP/wDEV8n0UAfWH/C6fAH/AEH/APyTn/8AiKP+F0+AP+g//wCSc/8A8RXyfRQB9Yf8Lp8Af9B//wAk5/8A4ij/AIXT4A/6D/8A5Jz/APxFfJ9FAH1h/wALp8Af9B//AMk5/wD4ij/hdPgD/oP/APknP/8AEV8n0UAfWH/C6fAH/Qf/APJOf/4ij/hdPgD/AKD/AP5Jz/8AxFfJ9FAH1h/wunwB/wBB/wD8k5//AIij/hdPgD/oP/8AknP/APEV8n0UAfWH/C6fAH/Qf/8AJOf/AOIo/wCF0+AP+g//AOSc/wD8RXyfRQB9Yf8AC6fAH/Qf/wDJOf8A+Io/4XT4A/6D/wD5Jz//ABFfJ9FAH1h/wunwB/0H/wDyTn/+Io/4XT4A/wCg/wD+Sc//AMRXyfRQB9Yf8Lp8Af8AQf8A/JOf/wCIo/4XT4A/6D//AJJz/wDxFfJ9FAH1h/wunwB/0H//ACTn/wDiKP8AhdPgD/oP/wDknP8A/EV8n0UAfWH/AAunwB/0H/8AyTn/APiKP+F0+AP+g/8A+Sc//wARXyfRQB9Yf8Lp8Af9B/8A8k5//iKP+F0+AP8AoP8A/knP/wDEV8n0UAfWH/C6fAH/AEH/APyTn/8AiKP+F0+AP+g//wCSc/8A8RXyfRQB9Yf8Lp8Af9B//wAk5/8A4ij/AIXT4A/6D/8A5Jz/APxFfJ9FAH1h/wALp8Af9B//AMk5/wD4ij/hdPgD/oP/APknP/8AEV8n0UAfWH/C6fAH/Qf/APJOf/4ij/hdPgD/AKD/AP5Jz/8AxFfJ9FAH1h/wunwB/wBB/wD8k5//AIij/hdPgD/oP/8AknP/APEV8n0UAfWH/C6fAH/Qf/8AJOf/AOIo/wCF0+AP+g//AOSc/wD8RXyfRQB9Yf8AC6fAH/Qf/wDJOf8A+Io/4XT4A/6D/wD5Jz//ABFfJ9FAH1h/wunwB/0H/wDyTn/+Io/4XT4A/wCg/wD+Sc//AMRXyfRQB9Yf8Lp8Af8AQf8A/JOf/wCIo/4XT4A/6D//AJJz/wDxFfJ9FAH1h/wunwB/0H//ACTn/wDiKP8AhdPgD/oP/wDknP8A/EV8n0UAfWH/AAunwB/0H/8AyTn/APiKP+F0+AP+g/8A+Sc//wARXyfRQB9Yf8Lp8Af9B/8A8k5//iKP+F0+AP8AoP8A/knP/wDEV8n0UAfWH/C6fAH/AEH/APyTn/8AiKP+F0+AP+g//wCSc/8A8RXyfRQB9Yf8Lp8Af9B//wAk5/8A4iuV+IPxC8MeLPD8Fj4f1P7Xcx3SzMn2eVMIEYE5ZQOrD86+ea2PDP8AyEpP+uJ/mKmfwsa3M/UP+Qlc/wDXZ/5mn6dpWo6xcNb6TYXV9Mqb2jtYWkYLkDOFBOMkc+4pmof8hK5/67P/ADNbnhJ7SPT/ABK2owTT2w0pd8cEwidv9MtsYYqwHOP4T/WmthGbc+G9cs7hLe70bUIJpHREjltXVmZywQAEZJYo2B32nHQ1m16F4NXTJtR0+40m2vbWNPEmkoY7m987JJuCT8qIv8K4ypI+bBwxFR6Hofh9tO0GPU30/wAzV0Lzect694oNxJD/AKOsKmMnEYKhwxL5zlcCmBwNFbPhS2tbrXWF/apdwxWV3ceRIzqrtHbSSKCUIbG5R0IrWt9OsNXh0nUoNItbbzbi8jntY7iZbfy7eGOXzGLM8mAJGLBDllQBQGOSAchRXoreHtH/AOJVqn2LT7i3ubfVH8izN4ltN9mtvMQ5mKyk7yQxVtuFAGCGqiLHSL63s410a1tX1LSLvUTLDLOWt3gFxtSPdIw2H7MpO4MfnfBHy7QDiKK76bQ/D8Gniyd9PNwdIW9yi3r33mtaCcDhTBs3HBOOI8kkMC1chrH9ofbo/wC1v9f9lt9n3f8AU+Snlfd4/wBXs9/XnNAFzw74W1DxIs72Fnd3McBCyG1haRlJ5GcAgcevX8K0L7wNcaX5f9pwalZ+ZnZ9oi8vdjGcZQZxkfnVr4cW2nahfJp+pw3T/bL+OFJLe4WPy921SSCjbuo446e/G/c3elf8IlPDp8M9tLNfQsEnu0mZlSOUE4VF2geYvX72ePutQBzlr8O9QvrZLiysdXuIHztlhty6tg4OCEweQRVO68IixuXt7031vOmN0UyhGXIyMgrkcEGusuLnRdUaG4vby/tZ1t4YWihs0lUeXGsYIYyqTkIDjAxnHOMnJuhbJcutlLLNAMbXmjEbHjnKhmA5z3NAFeD4baldWcN1aWWq3NvOpaOSCESKQGKnlVODlTwee/cVX1DwPLpMkUeprfWsk0fmpHMFVtu4rkqVyOVPX69CK7rRHt2tYLVr+4U/ZZblBdaFb3CqqK7uI3kckrlHAwAN2eASay7yfT9S1a0ze3VxGf3bI1rDZqg6qqYcogLE5bAC5LYY5FAHMr4HdtSt7BXuTdXPleVHvj+bzQrJzjAyGXr0zziobTwkl9ewWlrNcvPPIsUabkG5mOAMlcDk16dpt/rNvrVveb7VCLyOSSHStVgzNCrZ8gQrJmTAO1B1AOzkbQvMWB/s7RbnUjxNcb7K19sqPOb8EYJgjnzsg5SgDlj4WiWFZjLdiJ2Kq5C7WYAEgHb1G4fmPWrFx4GuLSyivLqDUobWbHlzyRbUfIyMMUwcjmujvJ5JPBOkrJIzrFfXaRhmJCLstzgegySfqTWvfKsniXxujyrErNIDI+dqD7dDycAnA9gTQByY+GNy0LTC8tzEjBWcarZ7VYgkAnd1O0/kfSs6LwYbjUDZWrXd1c7mUR2xSUsRnO3ap3DgnIyMc13ojDQtd2+taJFpsDCCSzSO78k+YC21gYyzFvKJ3ZJGxcFdqYqaHNHaeJpSi6ddaZGwubo/ZfNjEK/MUQzpuUnPljOMsVGehoA40eDDm7Ba7RrJd1wrlFaMb1TkFc53MBjrzTIfCSXEVxJDNcsltGJZTuQbVLKmfu8/M6jj1rvYZDHdeIY9bhimSDT1QjT0jtllX7TCVdSseCDkMGKnKke2MnUD/Z2i22mjia42Xt17ZU+Sv4IxfIPPnYIylAHMDwiDcx24N8Z5dnlxbRufcAVwNuTkEEeuRVl/AU8OoR2V4LuyuJF3Kt6yW4K885kAAHBHXrxXbyzSXHjF5p5Gllk0Eu7uxLMx0zJJJ6mqlgts3hvTDey2aRJfXh23vneW58u2GP3I3Z5z2HH4EA5u5+G09pbCee7hWMxmVSNTtGLqCQSoDZblSOM8gjrVG28FyXkM81omoTxW67pnijDLEuCcsQvA4PX0Nd1c2+LYHVNf0a6hvozNbiWO6Ai5MW+MJENmPL27fu4RcqQq4Z4cmuX0a6QQaczMphsPtFjC8kk+fMIBZCXOxSmMn5pYhjkEAHEJ4MMsNvLE13ItzM0EIQozPIoUlQoXOfnX654qa98CNYQiaa4MkRbaXtrqCdVbGQGMedpODjOM4OOhrr4dVWy8OabqRg330WsT3EBVljhVlFsxDRheQegClcfpTrvTD/Zj2Olx2dvFNMk0pudftJmLIrhdu0pgfvGznOeOmDkA4v8A4Qd/7a/snfc/bvtH2byt8f8ArN23bnGOvGc4qGHwklxFcSQzXLJbRiWU7kG1Sypn7vPzOo49a7241K81Txhqt8BdPeRySi1W+kEa2SFmGXZ2xGULAKMgByDnICs+7u9Rh8P6jBcOrWstqqG3stRingil+0I5l8pHPlKcEcDG98DAYKADi7X4d6hfWyXFlY6vcQPnbLDbl1bBwcEJg8giqd14RFjcvb3pvredMboplCMuRkZBXI4INdZpEGi3Ol3st7aX7z2VuJ2aG9RFkzMkYABiYrxIDnJ6e/Fm81eysNW8OXenxMyabDHI9u9wsjBhPJLtMiqBkhl6D5c4PINAHN/8Kw1n/oE65/4CN/8AEVXsPAN1qsM0umQ6heLAyrIIEV2UsGI+ULnHynnp+Yre+z+HP+grqn/gsj/+P1LoV1b2dlPNPdXUSGRUdBpcV3DnBKE+Y4Afh8cZxuweSKAOfvPh5fadZG71G11K0gEixb7iMR5YhiAAygnhT06d+oqm3hJEso7tprkQSyPEj7k5ZQpYY254Dr+ddx4oltYZLvTP7Slkns7hozFDpEFrDI6MVLExvk4G7BKnGT0yasQG8ihhTSpbOG1ihP2aX+1ra3uVkYE+cSJMox3bWT+4FUklFcAHn9z4SSzlWO5muUdo0lA3IfldQ6nhe6sD+NTN4HddSuLBnuRdW3m+bHvj+XygzPzjBwFbp1xxmu0kvJ5/HUMsu5dRENskM1yWkH2hYYwJcRhzKGK5TGQxZCcrkG/Noeq6RZtf3oin+y2c9v5j211AzI8RjUF5YlQ7A3ygkMeEBPyAAHBWfw/kvrIXcNyI4DI0SvcXtvDuZQpIAfBOAy9PWmX/AIEbTYYZrm4LRTMyo8F1BMpZQpYZTOCNy9fWux8PrBf6fZ6VJLok8st0xggvftiyJJJsTGYgFwdinknHtUWprHqUOn6ZpEukuxuiIraw+1Bmkl2LktOMY+RR1HX6mgDjR4MLaeL1Wu2ttzKZFKEKV2Zz8vA/eIMnjLAVEnhaKRJGjlu3WJd0hUKQi5Ayfl4GSB9SK9F0zU7BbrWIyv2nSbTS1s1ITLNEbmIPKobo5Z3kUNnazAdFpiWcejeGtd092guLya1WZ5ojuCxLdQrHtbggPln9GUwsKAPPZfC0VvM8M8t3FLGxV0cKGVgcEEFeDTP+Ectv+fm5/Nf/AImvSL220u31rWDdpa7xqlzEsmqm7ZGVWGAjQ5LOMnfvJ4KY6mqltY6dY/a49RtrW3njvJYCNVa4dFCY+RHtwAzgk7yeMFCvU0AcKfC0SwrMZbsROxVXIXazAAkA7eo3D8x60z/hHLb/AJ+bn81/+Jr0KLSIUhigu4JU+zXmqF7aS4LgGC3jcIxXAPK4Zl2kjuMDDbC106+jtNRfTII1Zb8PaxyS+U5gthKhJLl87n5wwGAOnOQDz/8A4Ry2/wCfm5/Nf/iatx+B5ZpLWOBb6aS8jMsEcIV2kUMykhQpPBRvyz0rrF0621m3025gt4tNE9xcRXHkF3SOKGOORpcOxYkK7kgHkKABnqT3/wDaWi61cwR+SxuLVFiVtzRWqrIoQnqUUiAEnqwQnnFAHG3XhEWNy9vem+t50xuimUIy5GRkFcjgg1F/wjlt/wA/Nz+a/wDxNdjpESNZ3txq9rLdRWmniazjkkZF/wCPlE4I6pueQEDGctghuRr+HtHsdWuLC2uLOwgbU5GZFZ7p5vLLspaEJlFChWA83ccoWY7SKAPN/wDhHLb/AJ+bn81/+Jp7+Foo0jaSW7RZV3RlgoDrkjI+XkZBH1BrsUjtLWy0mH+yF1CbUoTIzeZIJgxmkiCx7W25wgI3K3zE5yMCrN7bQ/8ACJ6Veun2mSPT2QQgkeSGupx5r9CQCQBjjcRuIG1ZADgv+Ectv+fm5/Nf/iaP+Ectv+fm5/Nf/ia6bw9bQ33ifS7S6TzILi8hikTJG5WcAjI5HBrc02DTNS/snfo9rD/amoNYP5Us37lR5X7xN0h+f98fvbl+Vfl65AOAfwtFGkbSS3aLKu6MsFAdckZHy8jII+oNM/4Ry2/5+bn81/8Aia723trI2+lS3qb0GlvLm4MzQI32uRMyeX86pjgbMfOVz1bJ9h05NU86a2tRavZ+fE6NcPZk+b5e9uPOROGXB58zB+42KAOFTwtFIkjRy3brEu6QqFIRcgZPy8DJA+pFM/4Ry2/5+bn81/8Aia724soEt9Vmt44o4ZNLSaJrSaXyZf8AS44yQHw+MhgVfPzKWHG3Bqllp6zeILCCwigOjbvKuUkkMk224SH59zFeQ5J2qvIGMDigDgv+Ectv+fm5/Nf/AImj/hHLb/n5ufzX/wCJr0DWbXTmvPEdna6ZBZjSWcwywySl3C3CRYfe7DGHJ4AOQO2Qa2i6baR2Wo3GrraxTWlxFbeVqInVFLCQsCIRvDgxgc8fezzigDiP+Ectv+fm5/Nf/iaP+Ectv+fm5/Nf/ia72TSNNmvryCI/Z4P9FlS9O5Y0LplolEpQkMWJQtziMEkKXkWWCx0uKymvbu2sLJ5tQuIFtNUa7PkKgjIRfJGcjzCGL+i4xzQB5hqWjrY2/nwzM6KQGEmM8nAxgDvWdFH51xHFnbvbGR2GMn+Vdd4zt4bNtTtbUymCG68uMzKVfaJQBuBAIOByMDnsK5S041C3/wB4/wDoJoA0/wCy7TujH/tow/rR/Zdn/wA82/7+t/jVjdRuoAr/ANl2f/PNv+/rf40f2XZ/882/7+t/jVjdRuoAr/2XZ/8APNv+/rf40f2XZ/8APNv+/rf41Y3UbqAK/wDZdn/zzb/v63+NH9l2f/PNv+/rf41Y3UbqAK/9l2f/ADzb/v63+NNbSrYqdgdD6hyf51a3UbqAOfwVLK3VWKn6g4rY8M/8hKT/AK4n+YrIf/XTf9dX/wDQjWv4Z/5CUn/XE/zFTP4WNbmfqH/ISuf+uz/zNRxzzQxypFK6JMmyVVYgSLuDYPqNyqcHuAe1Sah/yErn/rs/8zUCqW6dvU4prYRNbX13Z4+yXU0G2VJh5UhXEiZ2Px/Eu5sHqMnHWrFrrmrWOnTWFlql7b2c+7zraG4dI5Nw2tuUHByAAc9RVLy29V/77FHlt6r/AN9imA6Gea3kL28rxOUZCyMVJVlKsOOxUkEdwSKfDfXdv5HkXU0X2aUzQbJCPKkO3Lrjo3yLyOflHoKi8tvVf++xR5beq/8AfYoAu3OuateTma71S9nlbfmSW4dmO9BG/JP8SKqn1UAHgVXW+u08vZdTL5UTwx4kI2Rtu3IPRTvfI6Hc3qai8tvVf++xR5beq/8AfYoAu/25q39j/wBk/wBqXv8AZv8Az5/aH8n7277mdv3uenXmqFKylThhikoA2fD/AIo1Lw5566fd3dtHcENJ9lnaMsQMDOCM1q3XxC1O+tnt72/1e5gfG6Ka5Lq2DkZBfB5ANcjRQB2f/Czdb/6C+uf+Bjf/ABdUb3xlNqcwm1KTULuVV2B55BIwXOcZLdOT+dc1RQB11r4+mtLZLdLZZY0zsFzZW85QE5wpkBIGSTgcZJPUmq174vXUJhLPabGVdoEFtDCuM5+6mATz1xmuaooA6K08VixvYLu1iuI57eRZY32odrKcg4JweRRN4rFxDbxTRXDJbRmKIbUG1SzPjrz8zsefWudooA3z4mRoVhMd0YkYuqErtViACQN3U7Rn6D0qzceN7q7sorO6n1Ke1hx5cEk25EwMDClsDA4+lcvRQB0S+KwllLaLFcCCWRJXTanLKGCnOc8B2/OmDxMiwtCI7oROwdkBXazAEAkbuo3HH1PrWBRQB0qeMXjt5IFF0YpIfIZW2ECPzBJtGW4G8BuMc59TTLvxWL69nu7qK4knuJGlkfag3MxyTgHA5Nc7RQB0Q8WEXMdwPtoni2eXLvG5NoAXB3ZGAAB6YFPvfGU2pzCbUpNQu5VXYHnkEjBc5xkt05P51zVFAHRTeKxcQ28U0VwyW0ZiiG1BtUsz468/M7Hn1pj+JkkSNZI7p1iXZGGKkIuScD5uBkk/UmsCigDpbjxi93CIrkXUqiaSfL7CxkcKHYtuySdi9T29zVb/AISGD/n3uPyX/wCKrDooA6tfHU66pcagUme4umZp/MhidJSzbjuQ5Ujdg4IwCARyBT7rx9Nd2z272yxRvjeLayt4C4BzhjGASMgHB4yAeoFcjRQB2EPxI1e3hSGDU9aiijUIiJdEKqgYAAD8CmyfELU5rmG4mv8AV5J7fd5MrXJLR7hhtp35GRwcda5GigDs/wDhZut/9BfXP/Axv/i6r23jqe1mnlCTTNcNvmF1DFOsjZJ3lZNwLcn5sZ+Y88muUooA6u98ctqEIinsokVW3AwWFtC2cY+8gBI56ZxVD/hIYP8An3uPyX/4qsOigDqB41lF/Hebbjz440iVtkeCioIwpXOGGwbSCCCM5zk1Zm+IUs8LxPYWoWRSpKaXaIwBGOGCgg+4ORXHUUAdFaeKxY3sF3axXEc9vIssb7UO1lOQcE4PIotvFYs5mltorhHaN4idqH5XUow5PdWI/GudooA308TJGkixx3SLKuyQKVAdcg4PzcjIB+oFPbxYW37vtp8yNYny4+ZFxtU/NyBtXA6DaPSudooA6u28e31nNPNZ3eqW8tw2+Z4p9rStknLEPyeT19TTLHxvdaX5n9mT6lZ+Zjf9nm8vfjOM4YZxk/nXL0UAdFH4sMPk+T9tj8iTzYtrgeW/HzL83B+VeRzwPSprnxvdXlyLi7n1KecRmISyzbm2EEFcls4IZhjpyfWuXooA6WLxi8FnNaRi6FvMpV4zsKkFkY4Bbgkxpkjk7QOlMtfFhsblLiy+2206Z2ywuEZcjBwQ2RwSK52igDpZ/GU11NPNcyahNLcKEmeSQM0qgggMS3IG1ev90elPtvG91Z2xt7SfUoIDIJTFFNtXeCCGwGxkFVOevA9K5eigDqLfxvdWllLZ2s+pQWs2fMgjm2o+Rg5UNg5HH0qFfFhXZt+2jy42iTDj5UbO5R83AO5sjodx9a52igDsJfiRq86BZtT1qRQyuA90SAykEH7/AFBAI9CKox+LDD5Pk/bY/Ik82La4Hlvx8y/NwflXkc8D0rnaKAOlg8ZTWs0E1tJqEMtupSF45ArRKSSQpDcA7m6f3j60/wD4Te6/tL+0fP1L7d/z9ed+96bfv7s9OPpxXL0UAdLP4ymupp5rmTUJpbhQkzySBmlUEEBiW5A2r1/uj0p9x43uruyis7qfUp7WHHlwSTbkTAwMKWwMDj6Vy9FAHRN4sLyTu/21nuc+excEy5YMdx3c/MAee4Bqa38b3Vpey3lrPqUF1NnzJ45trvk5OWDZOTz9a5eigDopPFhm87zvtsnnyebLucHzH5+Zvm5PzNyeeT61ZtvHt9ZzTzWd3qlvLcNvmeKfa0rZJyxD8nk9fU1ylFAGjqOrC9t/JiiZFLAsXIzxz0HvWfHJ5U0cuCdjZIHpjH9aSigDVF/bEZ+0Rj6sBS/brb/n4i/77FZNFAGt9utv+fiL/vsUfbrb/n4i/wC+xWTRQB0SeJZI/I2X8Q+z20lrFynyxSb96++fNfk8jdx0GIZ9ZW5htopryJktYjFCNyjapdnx7/M7Hn1rDooA1vt1t/z8Rf8AfYo+3W3/AD8Rf99ismigDW+3W3/PxF/32Ka1/bKpImR/ZDkn8qy6KADJJLHgsxY/ic1seGf+QlJ/1xP8xWPWx4Z/5CUn/XE/zFTP4WNbmfqH/ISuf+uz/wAzUI/1Lf7w/rU2of8AISuf+uz/AMzUI/1Lf7w/rTWwhtakuhPE00IvrV7yBXMtovmb1KAlxkoEJUBujc44zxnLrpLmMTJctqM+n3VsEdoL2OSJLhzglCURt7F227t4YjJ5U5NMDm6K6K7uLt7Ffseowx6Z9kjU2zXK7S4iAceRkncZNxzt6ndkfeq7aXEA0Zori/Z7c2MgSNr5FiMvlEhfswXIYN/ESNzLuzlgCAchRXTSas8t6LSW/Z9PGlBRA02YvMFnwNucbhIB77h61zNAEu4iNOB07qD3NSW8U11OsMCKztnsoAAGSSTwAACSTwACTVaV9qxj/Z/qataPLOdURbTyzKySKI5M4lBRgY+OcsMqAOcsMEHmgCW60+6s4hLKLd4y20vBLFKFPYEoTgnBxnrg46Gqm8+i/wDfIroFsY0lszqtjNo8Mt/Ak9rO7pFMh3ZdQ/zAIOCSzf6zqvQlrFqMmt6VHrmkw28cl/Ci+ZZJblwW+ZdoC716ZyDjjkbuQDEWKZrWS5VFMUbrGzYXhmDEDH0VvypkYkmlSKGPzJHYKqLGCWJ6ADHJre0SWLU5YHuLS1CjVbKBUSFQBG3m5U92BwMliScDJOKs6fLJZXlhdaraWth5epW62z+SiI0B3+Yyv/y0UYjPmEsRkENk5IBy28+i/wDfIo3n0X/vkV0+n2809mBJYGFi7rcs2mxyQh95yZZMhrcAYBVQNqjcPvVyPnUAWS37sHC5yf4R7U+2imu7qK2t0V5ZnEaLhRlicAZPvVYy/uFP+0f5Cr/huXPirSR/0+w/+higB9xpl3bQNMwtZETG7yJ4ZSozjJCEkDJAyeMkDuKrXMU1pdS21wipLC5jdcKcMDgjI96mfVbGKzuIdOs7iJrlBHI09yso2h1fgBFwcovOTxnjuNjXbKW/ur77BbebNFq959odFH7pMptMjdFXIfBYgcN6GgDnN59F/wC+RUrRTLax3LIoikdo1bC8soUkY+jL+ddBeBYdQ1KLSV02OePUrhZUuxAAsQIEYUTcYz5n3fbP8NTzw21vqlw0drb/ALq91YKrQqygRwKyDaRghTyB0FAHJ7z6L/3yKN59F/75FbdtKt7Hpt3NaQyzyXFxDthhjTdtjjKYjGFdgzkhTy5wvORUPiSN4PszTR+U7bhtlsVs5cDGCY1JXbycN1JDA/dFAGYjZkUELgkfwim7z6L/AN8io4Zczxj/AGh/Oo/O96ALrRTLax3LIoikdo1bC8soUkY+jL+dRbz6L/3yK1YrG/1HwrZnT7K4utl7cb/IiZ9uUhxnA46H8q0NNtJ1/syL+zlayZtuqyvaBvIImZXDyFcxERhT1XA+bjOaAOa3n0X/AL5FG8+i/wDfIrpfDu2efR4rRdNkhklVb5LkQGRmMpBAEnzkeXsxs4znHOa5LzvegCd8FFbAByQcfhTKUNugU/7R/kKSgAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK2PDP/ISk/wCuJ/mKx62PDP8AyEpP+uJ/mKmfwsa3M/UP+Qlc/wDXZ/5molBaNgPUckgetS6h/wAhK5/67P8AzNQj/Ut/vD+tNbCDy29V/wC+xR5beq/99im0UwHeW3qv/fYo8tvVf++xTaKAHeW3qv8A32KPLb1X/vsU2igBZLfzduZApVcYGD3J9femfYh/z3/Rf/iqdRQA37EP+e/6L/8AFUfYh/z3/Rf/AIqnUUAPtYpLO7huba52TQuskbbVO1gcg4Jx1FRfYh/z3/Rf/iqdRQA37EP+e/6L/wDFUfYh/wA9/wBF/wDiqdRQAG0BiVPO6MTnC98f7XtTfsQ/57/ov/xVOooAb9iH/Pf9F/8AiqPsQ/57/ov/AMVTqKALVncXNlCYoZ4HjLbgk9tFMFPQkB87ScDOMZwM9BVWW2eeZ5ZrppJJGLO74JYnkkndyaKKAG/Yh/z3/Rf/AIqj7EP+e/6L/wDFU6igAjtBHKj+dnawOMLz/wCPU37CP+e/6L/8VTqKAG/YR/z3/Rf/AIqj7CP+e/6L/wDFU6igC7bXl7aW6ww3UeEz5bvbxPJFzn5HOWTkkjaRgkkcnNUPsI/57/ov/wAVTqKAHLD5cQRXDfMTkkD09/ajy29V/wC+xTaKAHeW3qv/AH2KPLb1X/vsU2igB3lt6r/32KPLb1X/AL7FNooAd5beq/8AfYo8tvVf++xTaKAHeW3qv/fYo8tvVf8AvsU2igB3lt6r/wB9ijy29V/77FNooAd5beq/99ijy29V/wC+xTaKAHeW3qv/AH2KPLb1X/vsU2igB3lt6r/32KPLb1X/AL7FNooAd5beq/8AfYo8tvVf++xTaKAHeW3qv/fYo8tvVf8AvsU2igB3lt6r/wB9ijy29V/77FNooAd5beq/99ijy29V/wC+xTaKAHeW3qv/AH2KPLb1X/vsU2igB3lt6r/32KPLb1X/AL7FNooAd5beq/8AfYo8tvVf++xTaKAHeW3qv/fYo8tvVf8AvsU2igB3lt/snvwwptOj+8f90/yNNoAKKKKACiiigAooooAKKKKACiiigArY8M/8hKT/AK4n+YrHrY8M/wDISk/64n+YqZ/Cxrcz7/8A5CVz/wBdn/mahH+pb/eH9amv/wDkJXP/AF2f+ZqEf6lv94f1prYQ2r1rpqz26yyysu8ZAQDgduoNUa2rE/8AEvt/+uS/ypgQ/wBjw/8APef81/8Aiajm0kLGWgmdmAzh8c/kBWjuo3UAc6DuUEdCM0tMh/1Kf7o/lXZahrtxL4Fsrg2ekrNd3t5bSyR6RaoxjWK3KgFYwVIMj/MMHnrwMAHIUV1kPgfzfEV5pf8AaGPs2vwaN5vkfe815V83G7jHk52553dRjmvB4Ut9U+zJoOqfa5Hv7fTpWntzDGJZt+xkOWZo/wB2+SyowG35ckgAHN0V1+p+EV8O29trN3Y6tLYQ3sUVxa6rp7ae04YM22Ng75BWNgx4K7lxnPHIUAbFjocd1ZxzTzSJ5gDKIyOh6ZyDVj/hG7b/AJ+bn80/+Jq5ph/4lNp/1wT/ANBFWs0AZP8Awjdt/wA/Nz+af/E0f8I3bf8APzc/mn/xNeomIw3unLcx6JHoxtbN7oOLQTmNoYzKf+e245YjHzHPy9qqRPHbeH9GMd9olk0tq7yLe6b50kh+0Sru3eQ/GFAxn+HpQB5z/wAI3bf8/Nz+af8AxNI/hyHYfLuZt2ON+0j9AK180ZoA4plKOyN95GKtj1BwaSpLj/j9uf8ArvJ/6EajoAKKKKACiu6sLiG5isYtFh0W+thFCtzo01rEl7MQqiYLO8eSzvu2CORpAHXao24XJ/su0uI/D0V680X2ywYwjTdPE00shu5kVWUyLvY7SAwOcBF2nGaAOborr7PwPFqN/qY0271DU7HT3hiaTTdOFzM0kiM3+rWTbsUo6lw7Anbt3BsjJ13S18O3V3pF1bO12HgminlDRPFE0Rfy3i5AciSPcMnaUIBIOaAMq3ha5uY4EIDSHAJ6dM/yFbn/AAjlt3uLj8Cv/wATWTpX/IYtf95v/QGrrM0AZP8Awjdt/wA/Nz+af/E0f8I3bf8APzc/mn/xNdP4eNt/wk+l/bvK+y/bIvO87GzZvG7dnjGM5zxWnf3d3Fape29zol9DDMEdrXS40COyttDB4U3AgOehAK5ODtoA4X/hG7b/AJ+bn80/+Jo/4Ru2/wCfm5/NP/ia9AutUS3SwivLTThqDw+abg2USR24lMZTfGkZWQCJS3Qked03JT7i2toru21eeO1ngt7P7RJJDCI4LybzZEiVYyqjGVAZdqErFKwz94gHnn/CN23/AD83P5p/8TR/wjdt/wA/Nz+af/E16jp2n2Vv8R7ya6tIHtf7aNhbWskQMbs821vkIwVSMnp91mi4wa4TNAGSfDlv2ubjPuV/+JrDuIGtrmSCQhmjOCR34yP0NdlmuT1X/kMXX+8v/oC0AVaKKKACiiigAq3Z2AuojJJIyLkgBQM8fWqla2lnGnp/vP8A+hGgBv8AY8P/AD3n/Nf/AImj+x4f+e8/5r/8TXX+EBEf7ZllksYWhsA8c99bCeOJjcQrnZsfkhiudp+9261JJZ2uq3l5Pf6vaNb2Nks7y6RpoQHMyxhPLKwgtmQEt6YGT0ABxn9jw/8APef81/8AiaP7Hh/57z/mv/xNd/Z+E9Pnt3tJLyUXk+pafDbTi3yqw3MbOpYb+G2kEjnBQAMQxIoWXhuzvXt0j1R2N9dmxsnS1ykkwEe4uSwKR7pVw2GYjJKqflIBx/8AY8P/AD3n/Nf/AImj+x4f+e8/5r/8TXWReHrWbS7SRb+UX91ZT3qQG2HlBIml3Ayb87tsLEfJjJAyOSIZ9B8n7d/pO77Jpttf/wCr+/53kfJ14x5/Xvt6DPABy7aOm0+XPJu7bwCP0ArN5GQ3BBIP1FdDurn3/wBfN/11f/0I0AXbXTVnt1lllZd4yAgHA7dQam/seH/nvP8Amv8A8TW54HiiuPEXh2C4jSWKS7tkeN1DK6l1BBB6gjtXRwzpeXxt5rvQ9Rj+xXsuLHTFgMbJaylSSYYyeeRjPK54IFAHAf2PD/z3n/Nf/iaQ6PHj5Z5c/wC1tI/kK6TQoovK1O+kjSV9PtBcQpIoZC5mijBZT94ASE4PBIGQRkGrqGqSal5bT29pHImR5ltbJBuHGAVQBeOecZ55JAAABybo0Urxvjchwcd6tWdgLqIySSMi5IAUDPH1qG851C4/3h/6CK0dLONPT/ef/wBCNADf7Hh/57z/AJr/APE0f2PD/wA95/zX/wCJro/D1xZwXk5u3t4ZWg22s93B50MUm5SS6bW3AoHUfK2CynAxuB4h84XkBurO3t5zBmSS0aMw3J3tiRPK/dgAYQ7eMo2fmzQByd5YfZYxIkhdMgEMORn6VWjQyzJGpALnAJ7Vqaoc6e/+8n/oQrOs+NQt/wDeP/oJoAv/ANjxd55vw2/4Uf2PD/z3n/Nf/iau7q7n+xtN/tXzftmnbv7A87+z/Jk8zf8A2bu3f6vy927587s5568UAecHR48fLPLn/a2kfyFZro0Urxvjchwcd66DdWHec6hcf7w/9BFADI/vH/dP8jTadH94/wC6f5Gm0AFFFFABRRRQAUUUUAFFFFABRRRQAVseGf8AkJSf9cT/ADFY9bHhn/kJSf8AXE/zFTP4WNbmfqH/ACErn/rs/wDM1CP9S3+8P61NqH/ISuf+uz/zNQj/AFLf7w/rTWwhta1k2bCDHaMD8hismlR5Is+VKyA8kDBH60wOpe7sW8/Zp+zfbRxxfv2PlSrs3y++7a/yngeZx90VRZwqlj0AyaxvtFz/AM/D/wDfK/4UjySyLtllZ19DgA/lQBHEMRID2UVdk1GaXRrbTGVPJt7iW4RgDuLSLGrA84xiJccdz+FSigDrz4uto/EvhuZXurjTtEuIJXkeFI5ZyhjBbYGIUiKGKMDeQfKDHBZqzW8WXcf2dtNtLLTZYrqK9eS1iI86ePOyQqxZFwXf5UVV+Y/LgKBhUUAbL+IzFcWtxo+lafpE1rcJcpJarJIxkQ5Q5mdyADn5RgHjcDhcY1FFAHVaa3/EqtcdoUH6CrOa5GG7ubZdtvO8a5ztABH6g1J/ad//AM/b/wDfCf4UAdnfX0moXCzTBVZYYoQEGBtjjVB+OFGfer0evRfYbW2u9GsLz7JGYo5ZmnVtpdnwdkijq7dq8+/tO/8A+ft/++E/wo/tO/8A+ft/++E/woA6rNGa5X+07/8A5+3/AO+E/wAKRtRvnUhruQg+gUfqBmgCKc5u5yOhmcj/AL6NMpAMAAdBS0AFFFFAHQ2/i6S3ktbo6Tp8up2iRrBqLmbzYzEoWJtokEZKBUAyhB2jcGycx2HiqayWBJdPsruOCwfT0WbzV/dvK0rHcjqwY72UkEAoxUggnOFRQBsweIY4JLuP+xdPewunjkbT2afykkRWVXDCUSZw78FyPnPHC4q3Wr3FzFcwIkNta3EscrW0EYVFMaskeOrcK7DJJLZyxY81QooAs6Ycatak/wB5v/QWrqs1xn6YOQQcYqyNSvwMC7fHuqn+lAHWwzNDMkqBS0bBgHQOpIOeVOQR7Hg1evNYFzZG0tbC1sIGkWWRLcyN5jKGCkmR2IwHbpj73OcDHCf2nf8A/P2//fCf4Uf2nf8A/P2//fCf4UAd9/b87axf389vBMNRZzc27hhG4ZxJjhgwAYKRhs8ckjIL28UapHIv9mXMulwpGIkgsZpEVVDM2MlizfM7n5ifvHGBgV59/ad//wA/b/8AfCf4Uf2nf/8AP2//AHwn+FAHpKeN9ej12TU49QuEaW6+1SW6zSCF2yPlK7uVwAuM/dAFYc08lxM808jyyyMXd3bLMxOSST1Ncl/ad/8A8/b/APfCf4Uf2nf/APP2/wD3wn+FAHVZrltTOdWuSOm5f/QVpP7Tvz1u3x/uqP6VW7kkkknJJOSTQAUUUUAFFFFABWlprf6EB3Vmz/30T/Ws2hWeNiYpGQnrjv8AnQB1uk6udKN0Gs7e9iu4PIlhuC4UrvRwcoykHci96fJrY23iWWnWljFeWy28scJlYYEqybgXdjuyijrjHbPNcl9ouf8An4f/AL5X/Cj7Rc/8/D/98r/hQB29t4uv7a9juVit3MTWciIyttD2qhI24IOdoYEZwd7cA7SINL8R3GlQRRx21vO1tObm0lmDbrWYhcuu1gGPyIcOGHyjjk54/wC0XP8Az8P/AN8r/hR9ouf+fh/++V/woA7qTxNHHomn2lnYwi7t7KW1kvZN/mKJJJSyoN+wqUlxkrkEtjoCIdQ1tJfDljpFrLNKkWHmeWJU5G4rGoBOVRpZiHyC3m4IG1a4v7Rc/wDPw/8A3yv+FH2i5/5+H/75X/CgDazWETukkYdGkYj8Sac00zqVeZ2B6jgfyFN6dKAOg8P6jJpc+m6hbBGls3jmRXBKlkIIBxjjIq1pOqPpOoC6SCG4/dyRNFNu2OskbRsDtIP3WPQiuWR5Is+VKyA8kDBH6077Rc/8/D/98r/hQB2B15EnR7LSbGzjKtHPDE0zJcoSDtcPI3GQCCpBBwQQQpFbUNRjvfLWDT7SwijyfLtg53E4ySzszHoOM4HYAkk8x9ouf+fh/wDvlf8ACgz3BGDO5H0A/kKAFuTuvZyOhYfooH9Kvaa3+hAd1Zs/99E/1rMAAGBSqzxsTFIyE9cd/wA6AOq03VH02Sb9xDcw3EflT2827ZKu5WAJUhhhkU8EdPTIJqWqPqUkP7iG2ht4/Kgt4d2yJdzMQCxLHLOx5J6+mAOY+0XP/Pw//fK/4UfaLn/n4f8A75X/AAoAv6k3+hEd2Zcf99A/0qjbHbewE9Nx/VSP60xmeRgZXZyOme1NIyMGgDezWn/b91/aX23ZD5n2L7DjB27Ps/2fPX72zn0z2xxXJCe4AwLh8e4U/wBKPtFz/wA/D/8AfK/4UAbWaxrk7r2cjoWH6KB/SkM9wRgzuR9AP5CowABgUAPj+8f90/yNNp0f3j/un+RptABRRRQAUUUUAFFFFABRRRQAUUUUAFbHhn/kJSf9cT/MVj1seGf+QlJ/1xP8xUz+FjW5n6h/yErn/rs/8zUI/wBS3+8P61NqH/ISuf8Ars/8zUI/1Lf7w/rTWwhtRqvmKGYtzyADjFSUyH/Up/uj+VMA8pfVv++z/jR5S+rf99n/ABqWP/WL9RSlgcZd2Gec0AQ+Uvq3/fZ/xo8pfVv++z/jU2wBgGz0JOKNo684xnGffFAEPlL6t/32f8aPKX1b/vs/41NtUAk57YH1FJJgSNgYGaAIjHgZRmB9zn+dLv8A3W/ttzTqh/5cv+2f9KANyLS7fyl84M745O8rz+Bp39l2f/PNv+/rf41Y3VteDm/4rrQf+wlb/wDo1aAOd/suz/55t/39b/Gj+y7P/nm3/f1v8a7Ky0fR5bLTVuIr5rq60+4v3lS5RUCwtMSgQxk5ZYMbt3BbODjBE0fRxBJqUsV81kdL+3R2y3KCRW+1i32mTyyCOrfcHUDtkgHG/wBl2f8Azzb/AL+t/jR/Zdn/AM82/wC/rf4110+i6Zpy3l7drd3FpH9j8qCKdYpB9pgaYbpCjA7Qu04Ubic/LjB1tJ8O6PpfiTT4NTFxfynxDLpgjGxInWJ4RvcENkZc5T+IH7y4+YA87/suz/55t/39b/GoLzToYrZ5YNylBuILFgQOvWtOZ4mnkNujpEWJRHcMyrngEgDJx3wPoKq3rf8AEvuP+uTfyoAxcFmVR1Zgo/E4rXGl2gUBldj6mQjP5EVkp/rof+uqf+hCvTPDGof2f4U1eX+1tQ0rN7aL52npukb5Lg7SPMT5eM9eoHHoAcV/Zdn/AM82/wC/rf40f2XZ/wDPNv8Av63+Neg3OiW+p6lf6hdjzkijsQFN/DZtOZrff5zySgrvbZuZBk7pCdx2ktQtPD+lyT31sl0+pSw3clvGbW5hiYoDhJUjfP2guc4jRgflAz86mgDjf7Ls/wDnm3/f1v8AGj+y7P8A55t/39b/ABrq7XRLGXTrVJTcfbbzT7i/jmWRRHEsPnfIY9uWJ8g/NuGN44O35mXOh20P9pbZJj9l0m0vkyRy8v2fcDx93982O/A5POQDl/7Ls/8Anm3/AH9b/Gj+y7P/AJ5t/wB/W/xrtdU0XQtKvtZO3ULq00y9Ww2eekUkjsZjv3bGAVRFtxjLE7sr9yjRPDOm6jYrdT3ey3uL2S0juJ7yC0+zqoQ+a0bkmXiUEojDG3G47gQAcBf2MdvD5sBYAMAVJz1OO9Z7kjAHBY4z6Vr6mc6e/wDvJ/6EKx3+/H/vf0NAB5Q9W/77NHlL6t/32f8AGn1ID+8VP4TjI9c0AQeUvq3/AH2f8aPKX1b/AL7P+NShQVB7YOfr/nFOMYDAZ/ix1HP+FAEHlL6t/wB9n/Gjyl9W/wC+z/jU2AVUDOMn+QoKAZx/dyBnPegCHyl9W/77P+NHKOoySG457VIww2Pao3+/H/vf0NAAxJZVBxnJJFHlL6t/32aD/rl/3T/MU+gBnlL6t/32f8aPKX1b/vs/40+pF5jC+pOPrxQBB5S+rf8AfZ/xo8pfVv8Avs/41YzhT8xX7vT6UiMfOGGY5IznvQBB5S+rf99n/Gjyl9W/77NSElvvEn60lADBlZNpOQRkZp9MP+uX/dP8xT6ACiiigAooooAKKKKACiiigAq9YWMVxbmWfc2WIChsAAHHaqNaumHGnp/vP/6EaAH/ANl2f/PNv+/rf40f2XZ/882/7+t/jVjdXZ6TeXdt4Fs/sfib+wt2pXW795cJ537q3x/qkbOPfH3uO9AHCf2XZ/8APNv+/rf40f2XZ/8APNv+/rf416O2vWsOhPdafq+raDaXWt30kEWmwjlNsBVWAlQDaCAAMjk9O/D3k/n308vnzXPmSM3nTjEkmTncwyfmPU8nnuaAKB0u0I+VXU+okY/zNZMsZhnkiJ3bGxn14z/Wt7dWJd86hcf7w/8AQRQAyP7x/wB0/wAjTadH94/7p/kabQAUUUUAFFFFABRRRQAUUUUAFFFFABWx4Z/5CUn/AFxP8xWPWx4Z/wCQlJ/1xP8AMVM/hY1uZ+of8hK5/wCuz/zNQj/Ut/vD+tTah/yErn/rs/8AM1CP9S3+8P601sIbTIv9Uo9Bg0+mmNSc8g+xIpgOBwQR1FO3njoMHPAFReUvq3/fZ/xo8pfVv++z/jQBKrlffrSbznP9Kj8pfVv++z/jR5S+rf8AfZ/xoAkLE5z3pCcnJpnlL6t/32f8aPKX1b/vs/40AOZgqknoKZsP2bZ32Y/SlEag55P1JNPoA2o5VljV1OQwyKs2d7Pp99BeWknl3FvKssT4B2spyDg8Hkd65sDbnYzpnrtYj+VLl/8AnrL/AN/W/wAaAOpTWb6PyNk+Ps9tJaxfIvyxSb969Oc+a/J5GeOgxd0zxRd6dbzR7IbjNl9igE0MciRL9oWY5RlIf5g3XpuzngCuJy//AD1l/wC/rf40Zf8A56y/9/W/xoA7CLxHqUV1PP5sMpn2+ZHPbRyxfKMJiN1KLtGVXAG1SQMA4qBtZ1B/KLXkpeG5e7SXd+8Ez7dz7/vbjsU5z1GfWuWy/wDz1l/7+t/jRl/+esv/AH9b/GgDoJp2nnkmfYGkYsQiBFBJzwqgAD2AAFVL6QLYygn7ylR7k8VlZf8A56y/9/W/xpMZOWLMfVmJ/nQAu7ayMeiurH6Ag10aX0y6fLZpJ/o80iTOuB8zIGCnPXgO35/SucpACowjuo9FcgfpQB2MPiPUoZmk82GXfFFEyXFtHNGRGgSM7HUruVRgNjOCeeTktvEmqWvmmO63vLIZjLNGssiSHrIjuCyOcAllIYlVOeBjj8v/AM9Zf+/rf40Zf/nrL/39b/GgDrYte1CDTTYxzIItrIrGFDIiNnciyEb1U5bKggHc2R8xy9vEepNpUmntLCYZI1hdzbR+ayKysqmXbvKgouBuwAoHQAVx+X/56y/9/W/xoy//AD1l/wC/rf40AdhH4j1JL68u2lhmlvZTNcLcW0csbuSTu8t1KhvmbBAyAxAwCaLbxJqlr5pjut7yyGYyzRrLIkh6yI7gsjnAJZSGJVTngY4/L/8APWX/AL+t/jRl/wDnrL/39b/GgDR1Jx9k2Z5dlwPoQf6VlycFD2Dc/linY5ySSfUnJoIyMHkUALS7iFx/So/KX/aH0Y0eUvq3/fZ/xoAfnjHanb2456HPSovKX1b/AL7P+NHlL6t/32f8aAJAxGMdqUOdwLc4HFReUvq3/fZ/xo8pfVv++z/jQA/OetMbmRB3Bz+mP60eUvq3/fZ/xpyqF+6KAGtxKh9iP5f4U+kIDDBGRTfKX1b/AL7NADwcEHr9aM8Y7Uzyl9W/77P+NHlL6t/32f8AGgCXzGJJODnrkCk3Hdu7/So/KX1b/vs/40eUvq3/AH2f8aAH0Uzyl9W/77P+NHlL6t/32aADrMMfwqc/jj/Cn0iqFGFGKWgAooooAKKKKACiiigAooooAK0dNcfZNmeVZsj6nP8AWs6kx824EqfVSQf0oA3t1TNezvYxWbSZt4ZXlRMDhnChjnryEX8vrXOZf/nrL/39b/GjL/8APWX/AL+t/jQB2Fj4iv8AT7EWcP2SS3ErSqlzYwz7WYKGIMiMRkIvT0rPmnaeeSZ9gaRixCIEUEnPCqAAPYAAVz+X/wCesv8A39b/ABoy/wDz1l/7+t/jQBu7qxZ3El3M6nIZuCPYAf0ph3EYaSRh6GQn+tHTpQA6P7x/3T/I02nR/eP+6f5Gm0AFFFFABRRRQAUUUUAFFFFABRRRQAVseGf+QlJ/1xP8xWPWx4Z/5CUn/XE/zFTP4WNbmfqH/ISuf+uz/wAzUI/1Lf7w/rU2of8AISuf+uz/AMzUI/1Lf7w/rTWwhtbt54ahsLVXu/EGmR3LWsd0LPZcmQiSJZEXIh2birL/ABYyeTWFXfa9PqNxp8T2MvhyWwGkWqMztpzXI22kayD5v328MGAH3gQAO1MDganvLK4sJ1hu4/LkaKOYDcDlJEV0PHqrKfx55rt5vEk1xqw0y41l5dGHh5UFo90WtxMumDaNhO3eJgMDGQ4H8VT6x4xvTod1fWeuu97OmkpFN9p3XCCO1nSfaSd8Z83duIwSJM8rJ8wB51XSX/g1rK8vrGLXNMvNQsfO86zgFwH/AHQYy4Z4lQ7VRj97nbxkkA39Qvbc+F5tXWTMmq2FtpAt9p/dvbGIyNu74WC3bGB/x84BJjbJ4s8UWw8W6++j6Vpkck91dRLqUEk0jyRyM6sw3StGd6MwyFx82VwcEAHGVPeWv2OdY/Phn3RRy74H3KN6K+0n+8u7aw7MCO1d3/aEv2Ld/a0P/CNf2L5X9n/b02/avsezP2Tdu3favm3bPvfvM4+ao7/xJNp2i376HrL2l1ImiJus7oo7qlg6yD5TkhX2hh2OAeaAOQ07RdQ1bZ/Z9v5u+6hs1+dVzNLu8teSOuxuegxyRxVCvQr7V7e/0u+0qTXfs1tey6Rc3jLIXU/6NtupSgP7yQStGzqMuzLk/cJHntAFzSbdLrURHLkqqFyPXBAx+tdD/Zth/wA+Vv8A9+l/wrD0I41Y/wDXFv8A0Ja6PNAEH9m2H/Plbf8Afpf8K1/+EMtfs/TTftf2f7T9i8pvN8vZ5m7OzZ/q/nxuzjj73FZ+a67fF9u/tj7Va/ZP7H+zf8fMfm+Z9i8jb5Wd/wDrOM7cY+b7vNAGM3gKNrh7S1j026v4ZFins44yHhYuI8FmQIcOyr8rHk55GTTU8E2dwA9g+lXkKsRPLFC6rANjvlg8akjZHIflDH5COpAPWWl7aad4x1PXLq9tfsF9eJLA8dwkjlftsU2TGpLr8iMfmUYxjqQKoaKqaNp93aahd2azXzMsAivIpVJ+y3MfzMjEIN80YyxA5J6AkAGEPBNm6CeJ9KksQrGS9WFxHGVKAgqYw5OZYxwpHzj0bFHUPDtlp8kX7ixuIZ4/Nhnhi+WRdxUkBlDDDKw5A6emCejWzWPSbLT2vrBdRt7ie7ijM8MsMm7yAqtJuMY4SQ4Y87ACPmGdm21GFLcxfakTV1hhEh0/U4LFUUSTllSUAxbcPASiYy3zH5lagDhbDw1Y3sM1xKmn2dtCyo088JK72DFVwiM2SEY5xj5eTyMxX+gWmn3jW81naMdqurpENroyhlYZAOCrA4IB55APFdTNa22ra9fXm+zIt1hX7NLqMa/aJdgDM0rbA43Kxdk5Yn5Tht4lS71FbExxatZ214t07X7C7i8p4DHEIlKqSsyKBIPLQPtGV28gEA5HUNAtNN1O6sZ7O0aW1meFykQKllYg4yOnFVv7NsP+fK2/79L/AIVt+J547jxdq80EiyxSX0zI6MCrKZCQQR1FZeaAM3U9Ns106aSKCOJ4kLgxqFzgZxxXOgbmVc43MFz6ZOK6vUj/AMSq7/64v/6Ca5VTiWInoJEP/jwoA2hZWgUD7PG2O7KGP5mrT6JAunR3yW9rLAzeW5SMEwvzhXGOCQMg9CM4OVYCHdWnbXsGnaXL5D+dd30ZikUg+XBHu6EHh3JUEdVQYIy+DGAZP2K0/wCfWEfSMCsm8hW3vGjjztKhgCc4zn/CtndWRqJzfn2jUfqaAK9FFFABRRRQAUUUUAFW49Oml0a51NWTybe4it3Uk7i0iyMpHGMYibPPcfhUrs/Ad9aWf2X7XdQwbfEmlTHzZAuI0+0b35/hXcuT0GRnrQBxlFehaH4ru7j/AIRv+1teml+0608OqfabwnzbMfZ9qTbjzF88+A3y/NJ6tVvwFe2cFrpEV9rDx6c1wBfQ/wBrxWdumZSDHNbFGe5DLty/3drhCVWMkAHmVFem+Br+ePUPB9vZeIH0SI3EYuLBvtEY1Jjdvlx5aGNwV2xZcjmMqcBQaPDOr2dr4d0fypn+z26MdTt/7eisreZvPkYia2aNnnBiMYJUNuXCAErigDj4vDUP9mWV5f8AiDTNP+3RNNFDOlyz7BI8eT5cLKPmjbvWTfWVxpuo3Njex+Vc2srQzJuB2upIYZHB5B6V28M+ozeFvD6aPL4cdIbKRJl1FtOMscn2qdsf6R84G1lIHTnI6mren6paLqOt3Ola7ewWs2qzyEwayNPkEBIKSu8iPLc5BbCAMylWOCZeQDzaivTbbUI4NZ1+HQrpLa1Gr3LxHStfh0pmiLYTLOpWWMAfIEPyZfPDrmPRNRtYNOvYdH1KY3P9q3LyXFhrEGh+fARGIWKyLhlyJSqL/q8ngbhQB569lcR6dDfPHi2mlkhjfcPmdAhYY68CRPz9jUFa2vtp9zqN3fafLCn2i/uCtnbxsI4YcqYyrFVyp3MANqkBOQMgDJoA0tEtYrq5lM67liVSFPQ5z1/Ktv8As2w/58rb/v0v+FZPh04nuv8Adj/m1buaAIP7NsP+fK2/79L/AIUf2bYf8+Vt/wB+l/wqfNGaALVn4W0+4shd3TabYQNI0Ub3ELN5jKFLACNGIwHXrj73GcHFtfAUa3CWl1HptrfzSNFBZyRkvMwcx4DKhQZdWX5mHIzwMGrFvAdU8MWtpaz2qz215PLIlxdRwYV0hCkGRlDcxt0zjHOMjPRXd7aaj4x0zXLW9tfsFjePLO8lwkbhftss2RGxDt8jqflU5zjqCKAOKtfCcF3ol9qiWtikFnt3LJGA0uWVTsG3B2l03c8b19RVtvAUbXD2lrHpt1fwyLFPZxxkPCxcR4LMgQ4dlX5WPJzyMmtmDUNFk8M3ttFe3ULx6WqCB7dAskxnid2DeZ8xLKBnaCI0Gc7OdG0vbTTvGOp65dXtr9gvrxJYHjuEkcr9timyY1JdfkRj8yjGMdSBQByaeCbO4AewfSryFWInlihdVgGx3yweNSRsjkPyhj8hHUgEHgmzdBPE+lSWIVjJerC4jjKlAQVMYcnMsY4Uj5x6Njd0VU0bT7u01C7s1mvmZYBFeRSqT9luY/mZGIQb5oxliByT0BILZUtvDE2hy3dmL+4Wdo1W8iaPDSWjDMobYpxBJwWB+Uf3lyAYR8E2aIZ5X0qOxKqY71oXMchYuAAojLg5ikHKgfIfVc51/oFpp941vNZ2jHarq6RDa6MoZWGQDgqwOCAeeQDxXXXKpc+GIdDiu7M39usDSK15EseFku2OJS2xjiePgMT8x/utjD8RTxy6uPJkWQRWttAzIwZd8cCIwBHBAZSMjIPUEjmgDE/s2w/58rb/AL9L/hR/Zth/z5W3/fpf8KnzRmgCD+zbD/nytx9IwK5i9gW2v5oI87I2AGTnggH+tddmuV1Q51i6P+0v/oC0AV4/vH/dP8jTadH94/7p/kabQAUUUUAFFFFABRRRQAUUUUAFFFFABWx4Z/5CUn/XE/zFY9bHhn/kJSf9cT/MVM/hY1uZ+of8hK5/67P/ADNQj/Ut/vD+tTah/wAhK5/67P8AzNQj/Ut/vD+tNbCG0UVOLG7a8itBazG5m2eVCIzvk3gFNq9TuDAjHXIx1pgQUUUUAT3V9d33k/bbqa48iJYYfOkL+XGv3UXPRRk4A4FQVJHBNNHK8UTukKb5WVSRGu4Lk+g3Moye5A71HQAUUVf0zQ9W1rzf7H0u91DyceZ9lt3l2ZzjO0HGcH8jQBQoqSOCaaOV4ondIU3ysqkiNdwXJ9BuZRk9yB3q9qPhvXNHt1uNW0bULGFn2LJdWrxqWwTjLADOAePY0AZ8UskEqywuUdehH8qvf25ff9O//ftv/iqz6KAND+3L70t/+/bf/FUf25felv8A9+2/+KqmYJlt0uGicQyOyJIVO1mUAsAehIDLkdtw9ajoA0P7cvvS3/79t/8AFUf25felv/37b/4qs+igDQ/ty+9Lf/v23/xVH9uX3pb/APftv/iqoIpeREXq7BR9ScCt5fDkBUeZcTbsc7NoGfbINAFD+3L70t/+/bf/ABVH9uX3pb/9+2/+Krb/AOEGuP7N/tHyNS+w/wDPz5X7rrt+9sx14+vFFx4GuLSyivLqDUobWbHlzyRbUfIyMMUwcjmgDE/ty+9Lf/v23/xVH9uX3pb/APftv/iq277wNcaX5f8AacGpWfmZ2faIvL3YxnGUGcZH51DceERaeV9qN9D50Ylj8xQu9D0YZXkH1oAxbjU7u6hMUrIqHqI1xn25JqmRkEGti+0NLazeaCeRvLG5hJjkDr0ArI5JAXqSAPqaAJlvbpFxvRsd2TJ/Q0v2+69Yv++D/jVwaRHtG+eTPfaAB+oNSPoIiSN5HuUWVd8bMFAdclcj5eRlSM+oPpQBn/b7o/xRj6If8agJLMWclmY5JNaf9kRdp5s++3/Cs+eFre4aJiGwAQR3BoAZRRRQAUUUUAFFFFABRRVvTtK1HWLhrfSbC6vplTe0drC0jBcgZwoJxkjn3FAFSirdzpWo2VxcW95YXVvNaoHuI5YWVoVJUAsCMqCXXk/3h6iqlAF+11zVrHTprCy1S9t7Ofd51tDcOkcm4bW3KDg5AAOeoqhRV+60PVrHTob+90u9t7Ofb5NzNbukcm4bl2sRg5AJGOooAoUVO9jdx2a3b2sy2z42zGMhGyXAw3TkxyD/AIA3oagoAKKKKACiiigCSC4ltZvMgfa2MEEZBHuKuf25felv/wB+2/8Aiqj0yw+3zupbYiAFyOvOcY/KtT/hHLb/AJ+bn81/+JoAz/7cvvS3/wC/bf8AxVH9uX3pb/8Aftv/AIqtD/hHLb/n5ufzX/4mj/hHLb/n5ufzX/4mgDP/ALcvvS3/AO/bf/FUf25felv/AN+2/wDiq27HwNcap5n9mQaleeXjf9ni8zbnOM4Q4zg/lRb+Bri7spby1g1Ka1hz5k8cW5EwMnLBMDA5oAxP7cvvS3/79t/8VR/bl96W/wD37b/4qtv/AIQa4/s3+0fI1L7D/wA/Plfuuu372zHXj68VXfwtFGkbSS3aLKu6MsFAdckZHy8jII+oNAGZ/bl96W//AH7b/wCKo/ty+9Lf/v23/wAVW9c+ALyzmghu7XVYJbhtsKSwbWlbIGFBTk8jp6ih/AF5HqEdjJa6ql5Ku6O3aDEjrzyF2ZI4P5GgDB/ty+9Lf/v23/xVH9uX3pb/APftv/iq3k8AXkmoSWMdrqr3kS7pLdYMyIvHJXZkDkfmKqS+ForeZ4Z5buKWNiro4UMrA4IIK8GgDM/ty+9Lf/v23/xVH9uX3pb/APftv/iq0P8AhHLb/n5ufzX/AOJo/wCEctv+fm5/Nf8A4mgDO/ty+P8AzwH0jP8A8VVFmZ3Z5GLOxyzHua3v+Ect+1zcZ9yv/wATWJcQtbXMkEhDNGcEjvxkfoaAGx/eP+6f5Gm06P7x/wB0/wAjTaACiiigAooooAKKKKACiiigAooooAK2PDP/ACEpP+uJ/mKx62PDP/ISk/64n+YqZ/Cxrcz9Q/5CVz/12f8AmahH+pb/AHh/WptQ/wCQlc/9dn/mahH+pb/eH9aa2ENr1jTf+J98QvCliedQ0yLSJLT+EParbxyzIe25STIucZBkBJPlrXk9Ti+u1vIrsXUwuYdnlTCQ749gATa3UbQoAx0wMdKYHUaN4etdQ8Q+CLRbJ501REe9jQuTIovJkc8HKgRRjJGMBSfU1Y06x0g2GjW82jWs0tzpF3qMty8s4kZ4HuWVMLIFCEW6KcLnBbBBwRy9prmrWFmbSw1S9trYyrMYYbh0QyKQQ+0HG4FVIPX5R6VXW+u08vZdTL5UTwx4kI2Rtu3IPRTvfI6Hc3qaAO7020s103UNQttH8yO98Nm8l0+3kk8tTHqKJwSWfy8Qh2+bON+GQYK17LRdGuimrT29lZQtop1A2073BtEk+2/ZcHYWm2lfmwGJ3nrt+WuQg1XUbVozbX91CYkCRmOZl2KJPMAGDwBJ8+P73PXmpP7c1b+2P7W/tS9/tL/n8+0P533dv387vu8denFAHVy6Z4ehN7qCWcN9FHoq3ixWr3MVt5/21IRsMoEjR7T83JyTIFZSAVxvEUizaF4fktIUgtXt52aKAsYo5zcybl5JO8ReQDuJbZ5eSRism51XUb24uLi8v7q4mukCXEkszM0ygqQGJOWAKLwf7o9BUmma5q2i+b/Y+qXun+djzPstw8W/GcZ2kZxk/maAPRTeXNv5y6bptrda0ur6EwadnDte/ZnLrJ84G/zVcNu5zJJuOQCvHoljcaLrE3hxr2x8u1T7baXjRziWDz4hlZVVSG8wxfLsHCk7+dtc+J5lt3t1lcQyOrvGGO1mUEKSOhIDNg9tx9avaj4k1zWLdbfVtZ1C+hV96x3V08ihsEZwxIzgnn3NAHWeKND8P2EOvWNk+ntcaS5SE2a3rXLFZ1iP2gyL5IG1jkptG/aF4ODm68mnadrWq6XaeG4ZY9GumT7Uss5aRI5hHmf5yu1s4OwR/My4IHynCutc1a+06GwvdUvbizg2+TbTXDvHHtG1dqk4GASBjoKLrXNWvtOhsL3VL24s4Nvk201w7xx7RtXapOBgEgY6CgD0HxJYWepeJr6W4tsRx61rsrW6zSeXIbe3ilGQW43svzldpIOAVAXbjaZY6RqcdjqsmjWsKMmqLJYxSz+TIbazWaNiTIZASz84cAhRgDknk/7V1HzLd/t91vtXV7dvObMLBVUFeflIWNACOyKOwqS71zVr+8F3f6pe3NyImhE01w7uI2BBTcTnaQzAjp8x9aAOgt7PSNRh0nVJNKS0jmuLyGa2tDO8OIIY5FkcFnkCZlPmFTny1JUBhkl9ZyJNb3vheDT1863vYnm02WYwuiQZnXZdDeHEUjEnOCGULhlOeXhvru38jyLqaL7NKZoNkhHlSHbl1x0b5F5HPyj0FSajquo6xcLcatf3V9MqbFkupmkYLknGWJOMk8e5oAgt/wDj8tv+u8f/AKEK7HNcUGKsrJwysGXPqDkVtp4hi2jzLabd32FSP1IoA9Hz/wAVX/3L/wD7i619GP8AxdLX/wDsIJ/6coK8u/4Te6/s3+zvP1L7D/z6+d+667vubsdefrzRceN7q7sorO6n1Ke1hx5cEk25EwMDClsDA4+lAHZeHLSDUNEube7nWC3bUrUyu0qx/KIrliAzfKGIGF3YGSMkCn+NPtUiaNc3htd8lm4CWtwkiRgXExCrtZsIFKqvOBjA+6QOKvvG91qnl/2nPqV55edn2ibzNmcZxljjOB+VVn8TJIkayR3TrEuyMMVIRck4HzcDJJ+pNAF3Uj/xKbv/AK4P/wCgmuUT/XRf9dU/9CFal7rS3No8MMLr5g2sZCOB36E1knPY4I5B9DQB0O6tm2b7P4cl/tT5ra4y1jB/y0Mv3TKp/hQbdrHkOQFAyu+Lk11T5f3kD7u+0gj9TS/2ov8Azwl/8d/xoA0t1ZGpHOof9sl/m1S/2ovaCX8dv+NU5ZGmmaRwATwAOwoAbRRRQAUUUUAFFFFABW7o9wkPh3UE1LT5rvSmurcytbXSwSJOEm8sZZHypUzZG3qF5HRsKrenarqOj3DXGk391YzMmxpLWZo2K5BxlSDjIHHsKAOolstug3rLfTXdiugLLp7OnkOsf9pIrLIisQf3hlIBZhyp4IAWQWOkahrOjeH7rRrXTNRvNSgiujYSz7rWJm2GJvNkceYdwJAA2bQDliypydzquo3txcXF5f3VxNdIEuJJZmZplBUgMScsAUXg/wB0egqfUfEmuaxbrb6trOoX0KvvWO6unkUNgjOGJGcE8+5oA7C0tPDT6jo94Tovlw61ZxXAsUvDb+Q5Yyee10No+4MAEZHmZBA4wdB+1/29rP8AbHnbvsF99v8AtWc+Z5T7fN3fxef5WN3PmbP4sVlanrmra15X9sape6h5OfL+1XDy7M4zjcTjOB+Qoutc1a+06GwvdUvbizg2+TbTXDvHHtG1dqk4GASBjoKAPSZYrPW9Qs7OfT4YbW5v/DcM0MLyYdHs5cjLMWGFbaMEcKOpyTg6Ra6NrH9heZoFlb/21qraZJ5M1x/o6r5H72PdKf3h+0H7+5fkT5fvbuQXVdRSRXS/uldHidWEzAq0S7YiOeqKcKf4RwMVHDfXdv5HkXU0X2aUzQbJCPKkO3Lrjo3yLyOflHoKAO38G+G9P1dtH06+tdPWbVnJV5nu3uni8xkaSEQr5SBdj4EucMjM3yEASeEPDkOoP4dSLwv/AG5aX8qjUr3Fy32Mm4ZGTdE6omIlR/nBPz5PykAcZaa5q1hZm0sNUvba2MqzGGG4dEMikEPtBxuBVSD1+UelWtL8RnSo7d4dK0+W9tH32t86yCWFg25ThXCOVbkF1bsDlQFAB0uh6H4fbTtBj1N9P8zV0Lzect694oNxJD/o6wqYycRgqHDEvnOVwK5DUP7Q+w6X9v8A9R9lb7F93/U+dLnpz/rPN68/hii11zVrHTprCy1S9t7Ofd51tDcOkcm4bW3KDg5AAOeoqhQBseHDia7/AN2P+bVu5rlNPvjYXDPs3o4AYA4PHTH5mtL/AISGD/n3uPyX/wCKoA2c0ZrG/wCEhg/597j8l/8AiqP+Ehg/597j8l/+KoA7C5P/ABRem/8AYQu//RdvXW6yf+LpaB/2EH/9OU9eXWPje60vzP7Mn1Kz8zG/7PN5e/GcZwwzjJ/Oi38b3VpZS2drPqUFrNnzII5tqPkYOVDYORx9KAO6z/xVf/cv/wDuLp9jNJN4h8CNNI0jBYVBdiSFW9lAH0AAA9hXBf8ACb3X9m/2d5+pfYf+fXzv3XXd9zdjrz9earP4mSRI1kjunWJdkYYqQi5JwPm4GST9SaAPQ/CJ/wCJDrH/AAL/ANIb2jTz/wAW2vv+3j/0dp9cRc+Pb68mgmvLvVLiW3bfC8s+5omyDlSX4PA6egofx7fSahHfyXeqPeRLsjuGnzIi88Bt+QOT+ZoA7fUD/wAW2sf+3f8A9HahWT4lP/E2h/7B9l/6SxVzyePb6PUJL+O71RLyVdklws+JHXjgtvyRwPyFU5vEyXEzzTx3UssjF3dypZmJySSW5NAGtmjNY3/CQwf8+9x+S/8AxVH/AAkMH/Pvcfkv/wAVQBs5rlNV/wCQxdf7y/8AoC1pf8JDB2t58++3/GsaeZri4kmcANI2SAc47D9BQAkf3j/un+RptOj+8f8AdP8AI02gAooooAKKKKACiiigAooooAKKKKACtjwz/wAhKT/rif5isetjwz/yEpP+uJ/mKmfwsa3M/UP+Qlc/9dn/AJmoR/qW/wB4f1qbUP8AkJXP/XZ/5moR/qW/3h/WmthDa2F8PSOgYTrgjP3TWPXbQ/8AHvH/ALo/lTAwv+Ecl/5+E/75NH/COS/8/Cf98mu2udLsbO3WO41CVL9rdJxH9mzDh0Eir5gbdkqwH3MbjjOPmqb+wbfb9n+2y/2j9j+2eV9nHk7PJ87Hmb92fL/2PvcZx81AHB/8I5L/AM/Cf98mj/hHJf8An4T/AL5Negt4f06ONjLqV0Hgs4by5C2akKkqx4CHzBuIaVByF43HPABY3h61t4ru4vtSaK2t2tthS33ySrPE0iYXcAGAAyC2PvYY4AYA4H/hHJf+fhP++TR/wjkv/Pwn/fJrrtQ0xrK8liSVZI1hjnVmIRmjkVWX5SfvYdcqM455IGartbOu/LRfJGshxKpyGxgDnk/MMqORzkDBwActLoLQRGSW5RVXqdpqD+yLrtBMR6/IP/Z637w/v7IdjOc/9+3NWM0Acx/ZF3/z7zf+Q/8A4uj+yLv/AJ95v/If/wAXXT5ozQBzH9kXf/PvN/5D/wDi6P7Iu/8An3m/8h//ABddPmjNAHMf2Rd/8+83/kP/AOLo/si7/wCfeb/yH/8AF10+aM0Acx/ZF3/z7zf+Q/8A4uj+yLv/AJ95v/If/wAXXT5rpb3SI7rwtok+mwu995JFxFGuWkV7iVI3AAySCuwk/wB6IDrQB5n/AGRd/wDPvN/5D/8Ai6P7Iu/+feb/AMh//F16vq+mWVrp5TT/ACJVg0UNLOUD+bKL/wAt3jcY4J4VjklMAjnjG1XTLDTZLm0Goyvf2khimie22xsyttYI4Yk88jcq5APQ4UgHA/2Rd/8APvN/5D/+Lo/si7/595v/ACH/APF16Td+HbCz1TULQ6rLKml7zeSx2nQCVY1CAuNx3ONwO0DBwW4yyDw5HdX0K211cTW1xam6hEdtuuZFEhjKrCHwWDKxwH+4C3bbQB5z/ZF3/wA+83/kP/4uj+yLv/n3m/8AIf8A8XXocmgww6jdR3FzdQW9nbiecTWZS4jBdUCmIsBkl1P38bTnOflq9YaRpVva391c3dw8D6aLi1k+xqzqpuBA5ZDJtDZ3Acnht2QygUAeXf2Rd/8APvN/5D/+Lo/si7/595v/ACH/APF16HqosND8eXK21v8AabGx1A4tphgOqPzGclsjgrk5yOSOcVqaRo0dhrctvMILoS6lb2FpJcwbo5VaVZPPVc/MuxUBAPKzj5sEZAPKP7Iu/wDn3m/8h/8AxdH9kXf/AD7zf+Q//i69GsPDa3ejLfPLebWVmMltYmeC3AJH76QNlCMbiArEKVPOcVXtdE+03+hW32jb/a+35tmfK3TvF0z833M9uuPegDgf7Iu/+feb/wAh/wDxdH9kXf8Az7zf+Q//AIuvSdC8LPrttGbY37zTSeUrQWDSQRNnAEsu4beoJwrYUg8nIFHVo449M0Ro41RpbFnkKjBc/aZhk+pwAPoBQBwn9kXf/PvN/wCQ/wD4uj+yLv8A595v/If/AMXXo17ejRJIbG2tLOWBrWCaX7RbJI8pliSRvnI3KPm2jYVwACPmyxr2B/s7RbnUjxNcb7K19sqPOb8EYJgjnzsg5SgDgf7Iu/8An3m/8h//ABdH9kXf/PvN/wCQ/wD4uvRtbvRpuqajosFpZtZ2s0tsm+2QynaxUOZQN+7I3fexnjG35ar3Hh+e38OQau1xask0jKYluoiwAEZBwHyT+85XGVxk4zQBwP8AZF3/AM+83/kP/wCLo/si7/595v8AyH/8XXpkXhJ4tS0GK9uYHh1SaOOQW11E7pumZDt2s24YXO7GATjqKl065W/tdW1i4m06zuftUEcbXdsZoY42WU+UibJMAeWgXjhUwCM4IB5d/ZF3/wA+83/kP/4uj+yLv/n3m/8AIf8A8XXo1vYrcePNPstQgg8q6urYSLbZSOWOTYdyjgqHVt2BtxuwAuMCa31eV9Ik1aS3szc2V9BHGI7WOFHjkSYyI6xhd6tsUEHtkcZOQDzP+yLv/n3m/wDIf/xdH9kXf/PvN/5D/wDi69RgEnh/VPFsOl3NxC1lC8MUySFZABeQr95cckdcetRPaRnw5HLHFArDRfOkZossx/tApkHIw2MDdz8oK98gA8z/ALIu/wDn3m/8h/8AxdH9kXf/AD7zf+Q//i69P8S6PYLrGvHTbrMljcSSS262+yGOMzBAqNnJILqMbQOGwSAN2dqumWGmyXNoNRle/tJDFNE9ttjZlbawRwxJ55G5VyAehwpAOB/si7/595v/ACH/APF0f2Rd/wDPvN/5D/8Ai69D8R3lxfWehXF7cS3E76e26WZy7Ni5nAyTyeABWHmgDmP7Iu/+feb/AMh//F0f2Rd/8+83/kP/AOLrp80ZoA5j+yLv/n3m/wDIf/xdH9kXf/PvN/5D/wDi66fNGaAOY/si7/595v8AyH/8XR/ZF3/z7zf+Q/8A4uunzRmgDmV0mUMqz74NzBVLqCCT0GVJx+NWf+Ecl/5+E/75NampN/xKrojqIXI+uDWpp72sep2r6jG0tosyGeND8zx5G4DkckZ7igDl/wDhHJf+fhP++TR/wjkv/Pwn/fJr0TUXlm0u5Zv7J1KBVXbPp9vHbtbvvX5mURpIVwduSNmXXncAK5ugDn/+Ecl/5+E/75NH/COS/wDPwn/fJrttBlfzZILS3tWuZPn+0XUSypDEiu0mUZWB4AbIG4bCBndiqOoPayandPp0bRWjTOYI3PzJHk7QeTyBjuaAOX/4RyX/AJ+E/wC+TR/wjkv/AD8J/wB8mugooA5//hHJf+fhP++TR/wjkv8Az8J/3ya6CigDnE8O3k901vZxvcyIgd/LCgKCSBkswHY1mzRGF9jBgwyGV1wVIJBBH1FdtZaldaVcahcWWnSag5ihUxxiQkYW4YfcRzyVCjjGXGSBk1yuujGuXw9Lqf8A9HPXHTrVJYmdNpcq279L/mdU6UFQjNPV7lGP7x/3T/I02nR/eP8Aun+RptdhyhRRRQAUUUUAFFFFABRRRQAUUUUAFbHhn/kJSf8AXE/zFY9bHhn/AJCUn/XE/wAxUz+FjW5n6h/yErn/AK7P/M1CP9S3+8P61NqH/ISuf+uz/wAzUI/1Lf7w/rTWwhtdtD/x7x/7o/lXE120P/HvH/uj+VMDWl1szWoSbT7OS5EKwC8dXMgRVCAbd2zIQBQdueM53fNT/wDhIJfs/wDx52v2v7P9m+2/P5nl7PL243bP9X8mducc/e5rJq9eaVJZRM008G5VgYRhzuYTReYCBjkAYDehI65oAfLrVxL9p3JEPtNnDZvgHhI/L2kc9f3K5+p49LsXiVf7NuobuyguXma0Xy5EPlmOCF4xyGDK3KHKkZ+YdDg5On2Umpana2MBVZbqZIULkhQWIAzjtzVegCxfXsmoXjXEyqp2qiogO1EVQqqM5OAqgZJJ45JPNV6KKAKt8rbYZVVn8mXeVUZJBUqeP+BZqL+0rIdbuAH0MgBqe7ldFijibY8z7A+M7eCScfRTTPsER6yXJP8A18yD/wBmoAj/ALTsf+fy3/7+r/jR/adj/wA/lv8A9/V/xqT7BD/fuf8AwKk/+Ko+wQ/37n/wKk/+KoAj/tOx/wCfy3/7+r/jR/adj/z+W/8A39X/ABqT7BD/AH7n/wACpP8A4qj7BD/fuf8AwKk/+KoAj/tOx/5/Lf8A7+r/AI0f2nY/8/lv/wB/V/xqT7BD/fuf/AqT/wCKo+wQ/wB+5/8AAqT/AOKoAj/tOx/5/Lf/AL+r/jWpbeMxaG1MF7aobW1e1QiXGVZ3cMcN95Xfcp7FEPUVn/YIf79z/wCBUn/xVH2CH+/c/wDgVJ/8VQBd/wCEui/s/wCx/abLy/sf2PPmDOzz/Pz167uPTHbPNP1DxdZaikzSR6XHdXDb7i7RyZJWJ3McM5VSW5OxV9BgEgxQ+HWuNJutRiNy0FpJGk2LmUlfM3bW64AymMnuyjvU1l4Va9slvPOkt7VryKz8+e7lVA7hjktnGFC5b0yOOaAE/wCExgbWL+/nksJhqLObm3eQiNwziTHDBgAwUjDZ4wSRkEfxdZSXUbyR6W9tFD5Edmzkxom4vgNv8wHeS2d+eSM7flrP+wQ/37n/AMCpP/iqPsEP9+5/8CpP/iqANL/hNLb7R/zDfsn2f7N9h81vK8vzPM2537/9Z8+d2c8fd4ps/jGCaOeGOSwgt5LUWiQxyErFGJRN8pZi2S4JyxP3iOmMZ/2CH+/c/wDgVJ/8VR9gh/v3P/gVJ/8AFUASah4gttS1Ca8uLu1E07b5SkgAZz95sZ4JOSQOMngAYFXIvGYjutKn+22rtpbK8IeXIdlbILfNycBE4x8qIOwqpaaN9uvYLS1+0vPPIsUafa5BuZjgDJbA5NPvNDWzMZeWZ4plZ4ZUupdsqB2TcASCBlG4IB9qALGn+LrLTkhaOPS5Lq3bfb3buRJEwO5ThXCsQ3I3q3ocgACXTfHMGmGykUaXcXFgwNtPOxZo13l9uAwUjczHJBYbuCCFxSvtDWwuFhmlmZmhimBS6lI2yRq479cMM+9Mu9IhtL2e3+0yTeTIyebDeSMj4ONyndyD1BoA0NN8cwaYbKRRpdxcWDA2087FmjXeX24DBSNzMckFhu4IIXGdc+ILa6t7OGS7tQtnCYYysgyVMjvzz1y5/DFSPoax6ZBfGWbypppIVAupdwZFQnPPT94P1qv9gh/v3P8A4FSf/FUAaEPi6ySFBcx6XeTxKEiubhyzooHyggOFcL23q3GFOVAArah4hsb37MiXFvFDa26QRx+erYxlnOevzOztjtux0ApdP0NdR1CG0hlmRpWwXe6lCRr1Lsc8KoySewBNW4PDFpPC10+qtZ2bTPFBLdzXAaYqAT8se/aQGQnJx83BODgAZN4usriF/Pj0uW8kUq987kytkYLEF9hbH8W3Ofmzu+as06xbNCsJ1CIxIxdUM42qxABIGep2j8h6VdtvD32rUmskmkDpvMkn22RkRUBZ23Kx3AKpPy5zjjPFPv8Aw5FZQw3EV815bTMyLPBczhd6hSy4fa2QHU5xj5uDwcAFJdeiSSB01RFe2x5DC4AMWGLDac8fMSeO5JrR/wCEw04XN4RBpr2l5Isz2ckxEaSAHlPLZCAN7gLnADYO4gGoLPQYb22u2inufPt4/NEP2iT94gPz4+bOVBDYx90OSRt5l/4R+wTw6moy3l8J5riSGGBXcqdgjLFn8wEcScAKenagAm8ZJJeW13FcWEFxaTCWCSMruQKsaxpkk7lQRLgHJ5Ykkk1LH4z0yN4ljtNLhtkmW4kt45mZJ5EDCPf5jvlRubKjG4MRnoQuq+E7TSZLmGXW4Zrq2kMT28Nxd7twbaQCyheOe/bjNRP4VaPUruzaaT/RI3lef7XL5TIoyrBs8h8qEP8AEXX1oATTvFOmwS6idVn+2rqEPlysl6qSFvNSTduZWycpzkc5pn/CXRf2f9j+02Xl/Y/sefMGdnn+fnr13cemO2eas6r4TtNJkuYZdbhmuraQxPbw3F3u3BtpALKF4579uM1M3gWVrh7S1vRdX8MixT2cd3OHhYuI8Fmwhw7KvyseueRk0AQal45g1M3sjDS7e4v2JuZ4GKtIu8PtwWKgblU5ADHbySS2YtQ8XWWopM0kelx3Vw2+4u0cmSVidzHDOVUluTsVfQYBIMzeF9PhjW5fWJLmyWQRTzWUk7NEzKxQbJTHnOxuh4wc9gamraDDpetXth59zL9luJIfM+0SLu2sVzjdxnHSgB2r+JNJvlsorJ0toLO3MCrNeJKzZkeQkkKo6yEYx2rO/tOx/wCfy3/7+r/jUn2CH+/c/wDgVJ/8VR9gh/v3P/gVJ/8AFUAR/wBp2P8Az+W//f1f8aP7Tsf+fy3/AO/q/wCNSfYIf79z/wCBUn/xVH2CH+/c/wDgVJ/8VQBH/adj/wA/lv8A9/V/xo/tOx/5/Lf/AL+r/jUn2CH+/c/+BUn/AMVR9gh/v3P/AIFSf/FUAR/2nY/8/lv/AN/V/wAaP7Tsf+fy3/7+r/jUn2CH+/c/+BUn/wAVR9gh/v3P/gVJ/wDFUAVrm5hvLWS3tZVmeVTH+7O7bnjJx0AratLqaxvYLu1fZPBIssb4B2spyDg8HkVlTxfYrd7iGWb90N7K8rOGUckfMTjj0rVtLWa+vYLS1TfPPIsUaZA3MxwBk8Dk0AXZ9ZRrOa3stMs7AXChJngaVmdAwbb+8dgBuVTkAHjrjIOZWnPoyLZzXFlqdnfi3UPMkCyqyIWC7v3iKCNzKMAk89MZIzKAJra4+zSs/lRS5jdNsq7gNyld2PUZyD2IBqGr1hphvYZp5bqCztoWVGmn3ld7biq4RWbJCMc4x8vJ5Ga93azWN7PaXSbJ4JGikTIO1lOCMjg8igCGiiigAooooAn0PUNWsteu10fR/wC1BJbRGVfPEPl4Z9p3HjnLce1cVqUs01/NLdReTPJLK8sf9xzIxYfgcivTPBTbdW1T/rhb/wDoUtedeITnxDf/APX3P/6OevKoTi8fVjy62Wuuui+R6NWLWDpu/V6fMz4/vH/dP8jTadH94/7p/kabXqnnBRRRQAUUUUAFFFFABRRRQAUUUUAFbHhn/kJSf9cT/MVj1seGf+QlJ/1xP8xUz+FjW5n6h/yErn/rs/8AM1CP9S3+8P61NqH/ACErn/rs/wDM1CP9S3+8P601sIbXbQ/8e8f+6P5VxNdtD/x7x/7o/lTAfXdWWoWSalZM13AqrfaIzEyjAEduwkJ56KeD6HrXC0UAdfoOtyXk1lNrmptPLb6zZNG95cbmij/eGQgseF4Td24XPan6TfWiXBNtP5MDWbJYxR3iWs0E2+IyZlYEK5QN+8OA6/KNv+rXjaKAO1u9ZFvPqE0M6x3q6UsXnPepdyySfakYEyhQGcJjBXJUIvIK/Lxsssk8zzTyNLLIxZ3diWYnkkk9TTKKAKl7xPZH/puf/Rb1NmieBbiLYxZcEEMpwVI7ioPs972uoMe9uc/+h0AT5ozVf7Pff8/Vv/4Dt/8AF0fZ77/n6t//AAHb/wCLoAsZozVf7Pff8/Vv/wCA7f8AxdH2e+/5+rf/AMB2/wDi6ALGaM1X+z33/P1b/wDgO3/xdH2e+/5+rf8A8B2/+LoAsZozVf7Pff8AP1b/APgO3/xdH2e+/wCfq3/8B2/+LoA6rQNUtrDQb6K8bdBc3ltHcQKQXkhMc4dlUnBKllYE8BwhNbWmajZWc9lpq3kC22n61YfP5qhZSpmM02c4K7iAHwPkEYPSvO/s99/z9W//AIDt/wDF0fZ77/n6t/8AwHb/AOLoA7O0ur7+xdOXR9Wt7K2jhYX8Ul2kaNJ5rkl4SczDyzGDhX3AbecYottbjgXwvaXF0v8AZiKjahCoDKyi7kYrKo5YBcEKc43ZA+Y54z7Pff8AP1b/APgO3/xdH2e+/wCfq3/8B2/+LoA7ae9vIrKH/hIdRtdQul1C3kt/tV4t6iRqJPNDbGcqhJi3LwWA4B28W7y+t/tulS63fSzQRahC0kN5qUWqbogf3jBo1zGAMAqfv7hx8leffZ77/n6t/wDwHb/4uj7Pff8AP1b/APgO3/xdAHoml6pfWeoaY+v60s9yNWtWhmOpJcGKD5xPl1dtindHkEjcB32nGBr+r3OraXor3OoS3jw28kcvnTF2WTznYkgnPKNH83Q4xn5SBzX2e+/5+rf/AMB2/wDi6Ps99/z9W/8A4Dt/8XQB1WuadLePFf21zYPAun2uR9vgD5S3jVhsL7sgqRjGcitHxB4iuLT7X/Ymryw+drl/K32O5K70PlbGO08g/Ng/XFcJ9nvv+fq3/wDAdv8A4uj7Pff8/Vv/AOA7f/F0Aeg3t5pyfaYdMuLWC6GsX7afKrqIoVPk7SMcJuCkJJ91SO330fLqdsNAAhkZ7L+zViMD6vGsHneQFJ+ybC+4S5YHu/z5A+Yed/Z77/n6t/8AwHb/AOLo+z33/P1b/wDgO3/xdAHcnXGl16zsWv1WwfTYrZQHCwpLJYiHfJjjKs5DMcsFUjsBUOnS3sXh9NOtRp0d5bX07XMOppbK0YZIlXH2jvlHBC8jAz2rjPs99/z9W/8A4Dt/8XR9nvv+fq3/APAdv/i6AOtiGn2fiud7C5g+wXkN6lp+8P7tXWaKJXLfdJ+U5boGBJHOJra7stBtdMg1e2s9SaC6uLh7dJlnTayw7PmjfbktEykEtgHJQ8A8Z9nvv+fq3/8AAdv/AIuj7Pff8/Vv/wCA7f8AxdAHUWE1uNR1TU7eFbewhtZokRQy7mljaFAAzN8x3Fyu48K5GduKZLa3M3gKzuYbeWSC31C586VUJWPcluF3HoMngZ61zX2e+/5+rf8A8B2/+Lo+z33/AD9W/wD4Dt/8XQB3PjCa+nvtWmWTRJbCS6do3t2sjMyGTKkFP3pPTPfrnvVC5ktnspNAW9z9h8yVLoygwzuoYsg/2PveWeSWdjgeb8nK/Z77/n6t/wDwHb/4uj7Pff8AP1b/APgO3/xdAHc+MJr6e+1aZZNElsJLp2je3ayMzIZMqQU/ek9M9+ue9MitRFp93pr6lpf2O42Q2N0skKPIWnQhpthMips3sRJwuBxuC1xP2e+/5+rf/wAB2/8Ai6Ps99/z9W//AIDt/wDF0AdVqGl3vlxafpMUVxbmT5IrW6huJ7lwpPmOkTseBuwOVQEjJJZmqeLD/wAVprf/AGEJ/wD0Y1YH2e+/5+rf/wAB2/8Ai6Ps99/z9W//AIDt/wDF0AWM0Zqv9nvv+fq3/wDAdv8A4uj7Pff8/Vv/AOA7f/F0AWM0Zqv9nvv+fq3/APAdv/i6Ps99/wA/Vv8A+A7f/F0AWM0Zqv8AZ77/AJ+rf/wHb/4uj7Pff8/Vv/4Dt/8AF0AWM0Zqv9nvv+fq3/8AAdv/AIuj7Pff8/Vv/wCA7f8AxdACakf+JVd/9cX/APQTWtp5VdTtS921komQm5QEtCMj5wBySOvHPFZf2OaTAurhXQEEpHHt3Y7HJPFXKAOk1GHdpdzLrCaSlyir9ll0+aDc7b1+Ro4W27dpkbcVByFG7op5uiigC9o5jXUd8ywOI4ZZFFw2E3rGxXqCGO4DCkYY4U8Gqkssk8zzTyNLLIxZ3diWYnkkk9TTKKACiiigAooooA2fCDbdW1L/AK4W/wD6FLXn2vnOvX3/AF9T/wDo567zws23VtR/64Qf+hS1wWunOt3h/wCnmb/0a9ePh/8AkY1vRfkj063+5UvV/myjH94/7p/kabTo/vH/AHT/ACNNr2DzAooooAKKKKACiiigAooooAKKKKACtjwz/wAhKT/rif5isetjwz/yEpP+uJ/mKmfwsa3M/UP+Qlc/9dn/AJmoR/qW/wB4f1qbUP8AkJXP/XZ/5moR/qW/3h/WmthDa7aH/j3j/wB0fyria7aH/j3j/wB0fypgPooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKANDw3n+1tQx/zwg/8AQpa4XW/+Qzd/9fE3/o1677wsu7VtR/64Qf8AoUtcFroxrl4P+nmb/wBGvXj4f/kY1vRfkj063+5UvV/myjH94/7p/kabTo/vH/dP8jTa9g8wKKKKACiiigAooooAKKKKACiiigArY8M/8hKT/rif5isetjwz/wAhKT/rif5ipn8LGtzP1D/kJXP/AF2f+ZqEf6lv94f1qbUP+Qlc/wDXZ/5moR/qW/3h/WmthDa7aH/j3j/3R/KuJrtof+PeP/dH8qYD6KKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDZ8Hru1bUv+uFv/wChS159r/GvX3/X1P8A+jnr0bwSu7VtU/64W/8A6FLXnXiH/kYb/wD6+5//AEc9eNh/+RlW9F+SPUrf7jS9X+bM+P7x/wB0/wAjTadH94/7p/kab+vYADrXsnlhRU32K7PS2Y/8CUf1o+w3n/Ps3/faf40AQ0VN9hvP+fZv++0/xo+w3n/Ps3/faf40AQ0VN9hvP+fZv++0/wAaPsN5/wA+zf8Afaf40AQ0VN9hvP8An2b/AL7T/Gj7Def8+zf99p/jQBDRU32G8/59m/77T/Gka0uY1LPbuAO4IP8AImgCKtjwz/yEpP8Arif5isYHIyORWz4Z/wCQlJ/1xP8AMVM/hY1uZ+of8hK5/wCuz/zNQj/Ut/vD+tTah/yErn/rs/8AM1CP9S3+8P601sIbXbQ/8e8f+6P5VxNdtD/x7x/7o/lTAfRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAT6JoY1nXLtjqN9YGC2iG6ym8tn3M/BPPA29Md64nUrf7HfzWvmGTyJZYvMbq+2Rhk/XGa6+00261S5v4LLUZNPcRQsZEMgJytwo+46HgsGHOMoMgjIrldcOdbvT63U//AKOevNoybxtSPNfRadtF+Z3VIr6rB27699ylH94/7p/kafZ/8hC3z/eP/oJpkf3j/un+Rp9p/wAf8H+8f/QTXpHCbuaM1HmjNAGvZadbNYi/1a7mtbSSRoYTBAJpJHUKW+UuoCgOuSTnLDAPzFX/APCM6xJezW1hYXGoGJY5C9nC8qlJF3xtwMgMpBAIB9QCCKLSa01HQodLur6HTntbmW4Sa4SRo5BIsalf3aswYeUCOCCGPK7QG2WmtNd8P6s326HT7eK502GOW8ST94IraaIEiNXIZgu7HIHI3HgkAyrXw3eS6RBqk6TRWNx9pWOVbd3y0MRfHAxtYgruzxtcnhTWe+nX0WnR6hLZXCWUrbI7lomEbtzwGxgn5Tx7H0rqJPE+mXl3fXJleASXerTokqHcy3VtsjHy5GQyANk8b1xkbiKd5qunvpt7cx3iPLe6Xa2C2gRxJE8XkbnYldm0+Q2MMT8y5A5wAY2oaRqek+X/AGrp13Zebny/tMDR78YzjcBnGR+dMv8ATr7S51g1OyuLOVl3iO4iaNiuSM4IHGQefauiu/EVmNW1q7s7142m8Qw39rKkG9vLRrg+YFbAJG9DtYjOfrjM8RXGnNBaQabLbko0jyR2DXH2ZchQCBP84kO07iPlwI8cg0AY2aM1HmjNAGE4xNKB0Ejgf99Gtfwz/wAhKT/rif5ish/9dL/11f8A9CNa/hn/AJCUn/XE/wAxUz+FjW5n6h/yErn/AK7P/M1CP9S3+8P61NqH/ISuf+uz/wAzUI/1Lf7w/rTWwhtaK65eKoUFAAMD5azqtR2O+JHafaXUNgR5wDyOcimBY/t699U/75o/t699U/75qH+z1/5+T/35/wDsqP7PX/n5P/fn/wCyoAm/t699U/75o/t699U/75qH+z1/5+T/AN+f/sqP7PX/AJ+T/wB+f/sqAJv7evfVP++aP7evfVP++ah/s9f+fk/9+f8A7Kj+z1/5+T/35/8AsqAJv7evfVP++aP7evfVP++ah/s9f+fk/wDfn/7Kj+z1/wCfk/8Afn/7KgCb+3r31T/vmj+3r31T/vmof7PX/n5P/fn/AOyo/s9f+fk/9+f/ALKgCb+3r31T/vmj+3r31T/vmof7PX/n5P8A35/+yo/s9f8An5P/AH5/+yoAm/t699U/75o/t699U/75qH+z1/5+T/35/wDsqP7PX/n5P/fn/wCyoAm/t699U/75o/t699U/75qH+z1/5+T/AN+f/sqP7PX/AJ+T/wB+f/sqAJv7evfVP++aP7evfVP++ah/s9f+fk/9+f8A7Kj+z1/5+T/35/8AsqAJv7evfVP++aP7evfVP++ah/s9f+fk/wDfn/7Kj+z1/wCfk/8Afn/7KgCb+3r31T/vmj+3r31T/vmof7PX/n5P/fn/AOyo/s9f+fk/9+f/ALKgCb+3r31T/vmj+3r31T/vmof7PX/n5P8A35/+yo/s9f8An5P/AH5/+yoAm/t699U/75o/t699U/75qH+z1/5+T/35/wDsqP7PX/n5P/fn/wCyoAm/t699U/75o/t699U/75qH+z1/5+T/AN+f/sqUaduOEuMsegMWAT9d1AEv9vXvqn/fNH9vXvqn/fNZgYbN3bGavRaVLJGrNKsZYZ27d2P1FAEv9vXvqn/fNH9vXvqn/fNM/seT/n6X/v0f/iqP7Hk/5+l/79H/AOKoAf8A29e+qf8AfNH9vXvqn/fNM/seT/n6X/v0f/iqP7Hk/wCfpf8Av0f/AIqgB/8Ab176p/3zR/b176p/3zTP7Hk/5+l/79H/AOKo/seT/n6X/v0f/iqAH/29e+qf980f29e+qf8AfNM/seT/AJ+l/wC/R/8AiqgubKW1UMzK6E43AYx+FAFr+3r31T/vmj+3r31T/vms5VaSRUQZZjgZOKvf2RIf+XlR7eWT/WgB/wDb176p/wB80f29e+qf980z+x5P+fpf+/R/+Ko/seT/AJ+l/wC/R/8AiqAH/wBvXvqn/fNH9vXvqn/fNM/seT/n6X/v0f8A4qj+x5P+fpf+/R/+KoAf/b176p/3zR/b176p/wB80z+x5P8An6X/AL9H/wCKpkulzRRl1kWXAyRt2n+ZoAm/t699U/75o/t699U/75rLLARlu2M1sxaVbiJfODu+OTvK8/gaAIv7evfVP++aP7evfVP++asf2VZf882/7+v/AI0f2VZf882/7+v/AI0AV/7evfVP++aP7evfVP8AvmrH9lWX/PNv+/r/AONH9lWX/PNv+/r/AONAFf8At699U/75o/t699U/75qx/ZVl/wA82/7+v/jR/ZVl/wA82/7+v/jQBX/t699U/wC+aP7evfVP++asf2VZf882/wC/r/40f2VZf882/wC/r/40AV/7evfVP++aP7evfVP++asf2VZf882/7+v/AI0f2VZf882/7+v/AI0AUW1W6a489ZGil2bN8MjxkrnOPlI71Vd9+PlChRgAZ9c9/rWudKsyPlV1PqJGP8zWRLGYbiSIndsbGcdeM/1pWV7ju7WCP7x/3T/I00MyOrpjcpyM06P7x/3T/I00AswVQWZjgAdzTEXRqgx80EmfYqf60v8Aai/88Zf/AB3/ABpn9l3Z6eSPq5/wo/sq7/6Yf99n/wCJoAf/AGov/PGX/wAd/wAaP7UX/njL/wCO/wCNM/sq7/6Yf99n/wCJo/sq7/6Yf99n/wCJoAf/AGov/PGX/wAd/wAaP7UX/njL/wCO/wCNM/sq7/6Yf99n/wCJo/sq7/6Yf99n/wCJoAf/AGov/PGX/wAd/wAaP7UX/njL/wCO/wCNM/sq7/6Yf99n/wCJo/sq7/6Yf99n/wCJoAf/AGov/PGX/wAd/wAaRtTyp8uFt3beRj9DTf7Ku/8Aph/32f8A4mkbTbtFJ2xv7I5J/UCgCoPc5PUmtnwz/wAhKT/rif5isYHIrZ8M/wDISk/64n+YqZ/Cxrcz9Q/5CVz/ANdn/mahH+pb/eH9am1D/kJXP/XZ/wCZqEf6lv8AeH9aa2ENrrPBxT+2EeSGGbytMuZVSeJZE3pZyMpKsCDhlB5HauTrc0PUptKu4b2C1jux9maB4pQxR1eIxuDtII4Y9CDTA3ra1k8XaejGKzg1D+07Wwhkgt0t42E4l++sagfK0YwwGcM2d2FC6th4Egh1rR31KLWI9Pn1OCznj1HTDaPIZNxUJ+8O5TsIY5BXcpAbpXMP4gvYri1k0mxh0lbWdLlIrVHZWmU/LI3mM5YjoASVGWwBubI+uzRXFrPpGj2elTW06XCSW0ckjF0OUOZncgA54GAf4gcDABu6V4Al1e1tJrM6rKuoMws5otLLwKvmNGpnkEn7o5QlgA+1SDk9Kx4tI06LTbKbVdUmtZ7+JprcR2nmxKgkeMGR94ZfmjbO1HwuCMk7Q1fEMnkxpLoNhMbfcLR5Umb7KhdnCKu/a6hnYjzA+c4bcOKZba7NDY29vcaPZ3slopS1nuY5C0ClmcDaHCOA7M2HVs7sHIwKAJddstOs9H8Pzae8zT3li01z5ke0FxPImQd5/uFeg4VT1YgbGu6ZpMfhy7vFV4r6JdJSNY4QI8S2W98ncOWKsxO0nKjrvYjlLm8uruxs7WaHIs1aOKQIQ2xmL7D2IDM5Bxn5zkkBQLV3rl/e209vPboYp4rVCoRhta3jEUbjn72zcDnIO8nGQpAB0OjPFb+CbWdb3RbCaXUblGk1LTvtLSqsduQFPkyEAFm44+937UdL0BdeuL6YSX92yTkEaJpDXCgEkhyuYxGrc7QBn5Wyq4GaFjrZttHj0670Kz1GGKeSeNrnz1ZGdUVh+7kQEYjXqDRb67Nb27wHR7OaFZ3uLWOaORltHcKCVG/DjCJxJvHyDI5bIBrWfgiWS4v4Llr+5msbySzkj0ewN4yMhwWcF0KKxPynndtfgbeaNh4bW+uNIjjv0ZdS1V9OWWOJiqhTD+8G7BIPnZwQp+X34ik8QyXWoX13qeg2F+95dSXREqTJ5bucsFMbqxXpgMWxjjGWzPb+I7mLT9ZmmkuZtT1aVmkH2dVjVmDK0u7PLFJZ02bQAJN2cqoABz+6jdTfLl/55v8A98mjy5f+eb/98mgB26jdTfLl/wCeb/8AfJo8uX/nm/8A3yaAHbqN1N8uX/nm/wD3yaPLl/55v/3yaAHbqN1N8uX/AJ5v/wB8mjy5f+eb/wDfJoAduo3U3y5f+eb/APfJo8uX/nm//fJoAduo3U3y5f8Anm//AHyaPLl/55v/AN8mgB26jdTfLl/55v8A98mjy5f+eb/98mgB26jdTfLl/wCeb/8AfJo8uX/nm/8A3yaAOk8OeHLLXrWd31hbOa3BeWKSHICD+PO4cevp+VYsghj1HZazNPCsgCSsmwuM9cZOKq+XL/zzf/vk06NXSVWdGVVIJJGABQBkN/x6H/c/pXbaHPZwavE+oBPJCuFaRN6JIUIjdlwdyq+1iMHIBGG6HitpNtt7lMfpXUaVqj2NzHeWwR8oyMjglZEdSjocYOCrMMggjPBB5oA6xoZru7i+022mOxtL+RL61hj8ieNbZmVfLjChZFwWywDr5iFl+UA0JfD1tDpd3I1/Mb+1soL14BbDyikrRbQJN+d22ZSfkxkEZPBNVvE8yNGtlY2lnbxxXCLbxeYyZni8qR8u7Nu27cc4G0cdc3JPEtsPC09ijTTXFzbR2zLNaQgxBHRtwuB+8df3YAjYAKGAydgyALrPhu00+e7jtNUeVbDUBYXcl1a+UqOxfDLsZyy/unJ4B6YBzxpweDrSyv4m1j+04bOe0vWjS60/yJhJDBv3bPM5UBgQd3zMpUgDmuefxXqBvru8i8mG4utSj1MuiZ8uZDIV2gkjbmVuDnoPfMjeLLgC0jtrCxtba1acpbwo+11mRUlRmLF2DKpGd24bjggBQoAT6D5P27/Sd32TTba//wBX9/zvI+Trxjz+vfb0GeNb/hB1bVtUtba6vtQj0ucW07adpxmk8wtJjCF1+UCM7mzwxAAYfMcZ/E80mlT2j2NoZri2jtZb3955rRRshRcb9gwIkGQuSBzySSHxPNNfalcX1jaXkWpXP2qa2l8xYxLliGUo6sMeY4A3EYbnJAIANCLwg6/2kt3czb7C5ltpWs7VriOEx9ZJiCGjiPZgrEhX+X5cHjtUOdPf/eT/ANCFbth4ilsJ2uVsbGS6Wf7RBOYSjW0uQdyBCqkAhSFYMoxwoy2ee1KQfZNhPLsuB9CD/SgClZ/8hC3/AN4/+gmtzdWDA4ju4XY4Abk/UEf1ra3UASbq6kaRY3ekafcXUz2cVvo7XU729ssryt9ueEcFlycMvJPRcVyW6tP/AISC6/s37Fsh8v7F9hztO7Z9o+0Z6/e38emO2eaAOjtfDNsdNu7OG436hd3un29pJLbjYIrlDKm47iUYgAsVBK7NoLB2NYGpadbW9jbX+m3c1zaXEskINxAIZA8YQt8odxtxIuDnOc8DAJd/wleoKyPD5MUkctnKkipkq1rEY4zgkjocnIOT6Diq2o6wb+CC2hs7extYGeRILcuV3uFDNl2ZskIgxnHy8AZOQCnuo3VHupskqxRs7nAUZNAHPf8ALl/2z/pXVVyzDbaEHsmP0rp6AHUU2igB1FNooAdRTaKAHUU2igB1FNooAdWDe/8AIRuP94f+gitysO8/5CFx/vD/ANBFAEcf3j/un+Rp9n/yELf/AHj/AOgmmR/eP+6f5GnWpxfwf7x/9BNAG9mjNR5ozQBJmtm50PyPDsV6JM3YxNcW+fmjgk4iYrjI5Ukk8Ymgx96sLNdTdeL47m91G3aFBo80EtvBGLSJZxGq/wCjK8oG8hGSEnLnITnd0IBD4h8LXek67dWtnH9qgW9e1gMM0c8hO4hFcRklXYDhSASQ2BwcU5vD+owzLH5cMu+OWVXt7mOWMiNC8g3oxXcqjJXOcEccjO5d+LdLttdm1HSlu7r7TrcWrSR3MSweX5bSMIwVZ92fNPzYGNvQ54pQa7penLZ2Vo13c2kf2zzbiWBYpB9pgWE7Yw7A7Qu4ZYbicfLjJAK1l4bu7vSbzUHkhgjt7L7ZGJJowZl87yjgFgeofseVUYy65xs10V1rulpYjT7JruW3/sk2JnlgWN9/2o3IOwOw2k7UPzZGScHG08zmgCTNGajzRmgDCf8A10v/AF1f/wBCNa/hn/kJSf8AXE/zFZDf66X/AK6v/wChGtfwz/yEpP8Arif5ipn8LGtzP1D/AJCVz/12f+ZqEf6lv94f1qbUP+Qlc/8AXZ/5moR/qW/3h/WmthDaaUU9VB/CnV2lh4Fils45Lu4k8x1BKoQNvtyDWdWtTox5qjsjSnSnVfLBXZxPlp/cX8qPLT+4v5V6B/wgNj/z3uP++1/+Jo/4QGx/573H/fa//E1zf2hhf50b/UsR/Izz/wAtP7i/lR5af3F/KvQP+EBsf+e9x/32v/xNH/CA2P8Az3uP++1/+Jo/tDC/zoPqWI/kZ5/5af3F/Kjy0/uL+Vegf8IDY/8APe4/77X/AOJo/wCEBsf+e9x/32v/AMTR/aGF/nQfUsR/Izz/AMtP7i/lR5af3F/KvQP+EBsf+e9x/wB9r/8AE0f8IDY/897j/vtf/iaP7Qwv86D6liP5Gef+Wn9xfyo8tP7i/lXoH/CA2P8Az3uP++1/+Jo/4QGx/wCe9x/32v8A8TR/aGF/nQfUsR/Izz/y0/uL+VHlp/cX8q9A/wCEBsf+e9x/32v/AMTR/wAIDY/897j/AL7X/wCJo/tDC/zoPqWI/kZ5/wCWn9xfyo8tP7i/lXoH/CA2P/Pe4/77X/4mj/hAbH/nvcf99r/8TR/aGF/nQfUsR/Izz/y0/uL+VHlp/cX8q9A/4QGx/wCe9x/32v8A8TR/wgNj/wA97j/vtf8A4mj+0ML/ADoPqWI/kZ5/5af3F/Kjy0/uL+Vegf8ACA2P/Pe4/wC+1/8AiaP+EBsf+e9x/wB9r/8AE0f2hhf50H1LEfyM8/8ALT+4v5UeWn9xfyr0D/hAbH/nvcf99r/8TR/wgNj/AM97j/vtf/iaP7Qwv86D6liP5Gef+Wn9xfyo8tP7i/lXoH/CA2P/AD3uP++1/wDiaP8AhAbH/nvcf99r/wDE0f2hhf50H1LEfyM8/wDLT+4v5UeWn9xfyr0D/hAbH/nvcf8Afa//ABNH/CA2P/Pe4/77X/4mj+0ML/Og+pYj+Rnn/lp/cX8qPLT+4v5V6B/wgNj/AM97j/vtf/iaP+EBsf8Anvcf99r/APE0f2hhf50H1LEfyM8/8tP7i/lRsQdFX8q9A/4QGx/573H/AH2v/wATR/wgNj/z3uP++1/+Jo/tDC/zoPqWI/kZwNIBtzsZ0z12sR/Ku/8A+EBsf+e9x/32v/xNH/CA2P8Az3uP++1/+Jo/tDC/zoPqWI/kZwOX/wCesv8A39b/ABoy/wDz1l/7+t/jXff8IDY/897j/vtf/iaP+EBsf+e9x/32v/xNH9oYX+dB9SxH8jOBy/8Az1l/7+t/jRl/+esv/f1v8a70+AbLHFxcA+7r/wDE1yGs6Y2kak9qz7wACr4xkf5zW1LE0azapyuZVKFWkrzVijl/+esv/f1v8aMv/wA9Zf8Av63+NW7OwF1EZHkZFyQAoGePrVn+x4v+e8/5r/8AE10GJl5f/nrL/wB/W/xpMc5JJPqTk1q/2PF/z3n/ADX/AOJqteWH2WMSJIXTIBDDkZ+lAFMjIweRSjcowskgHoJGH9afDE88yRRjLucAZxWt/wAI3If+XxB7eTn/ANmoAxsv/wA9Zf8Av63+NGX/AOesv/f1v8a2f+Ebk/5/U/78/wD2VH/CNyf8/qf9+f8A7KgDGy//AD1l/wC/rf40Zf8A56y/9/W/xrZ/4RuT/n9T/vz/APZUf8I3J/z+p/35/wDsqAMbL/8APWX/AL+t/jSHJ+8zN/vMT/Otr/hG5P8An9T/AL8//ZVHN4enihZ450mZRnZs25/HJoAx5v8AUv8A7p/lXR5rnJTm3cjoVP8AKuioAXNGaSigBc10ehzxjSTDp76ZFqZnZnGpQROs0e1dgR5lKIVIlJyUzuUAscAc3WnY60LWxFnd6daajbpI0sSXJlXymYKGIMboTkInXP3eMZOQC9NpFkftF5fvNosc97Pb21qYWm8hk2krKxIZVXzEGQrscN8uQATTPC76poU99bNdu8McsrslkxtoxGpdlkmyNrlVyAFYfMgyMnbXHie6k89tQtbTUJJLmS7SS5jP7qaTG9wqkK2dqfK4Zfl6YJBLPxPdWVitutraSultNaJPLGTIkMofci84HzSMwbG7JxkrlaALF94dtbexle2v5pbu2sre9uIpLYJGElEWAjhyWYGZByqjAY54APP5rSl166m+17khH2qygsnwp4SLytpHP3v3K57cngcYzKAFzRmkooAXNYl3/wAhC4/3h/6CK2qxbv8A4/5/94f+gigBkf3j/un+RpuSCGQ4ZTkH0NOj+8f90/yNNoAtDUpgOYUJ9Q5H9KP7Sl/54L/38P8AhVWigC1/aUv/ADwX/v4f8KP7Sl/54L/38P8AhVWigC1/aUv/ADwX/v4f8KP7Sl/54L/38P8AhVWigC1/aUv/ADwX/v4f8KP7Sl/54L/38P8AhVWigC1/aUv/ADwX/v4f8KRtRmZSFjRD67t2P0FVqKAEAwK2fDP/ACEpP+uJ/mKx62PDP/ISk/64n+YqZ/Cxrcz9Q/5CVz/12f8AmahH+pb/AHh/WptQ/wCQlc/9dn/mahH+pb/eH9aa2ENr2WD/AFK/57141Xp2neJtMnso2e6jjk2/OrsFwfTmvJzajUrUFGmru/6M9LLasKVZym7K36o26Kzv7f0v/n+t/wDv8v8AjR/b+l/8/wBb/wDf5f8AGvmf7PxX8jPe+u4f+dGjRWd/b+l/8/1v/wB/l/xo/t/S/wDn+t/+/wAv+NH9n4r+Rh9dw/8AOjRorO/t/S/+f63/AO/y/wCNH9v6X/z/AFv/AN/l/wAaP7PxX8jD67h/50aNFZ39v6X/AM/1v/3+X/Gj+39L/wCf63/7/L/jR/Z+K/kYfXcP/OjRorO/t/S/+f63/wC/y/40f2/pf/P9b/8Af5f8aP7PxX8jD67h/wCdGjRWd/b+l/8AP9b/APf5f8aP7f0v/n+t/wDv8v8AjR/Z+K/kYfXcP/OjRorO/t/S/wDn+t/+/wAv+NH9v6X/AM/1v/3+X/Gj+z8V/Iw+u4f+dHRxOT4Vu48Lhb2BgdozykvfqenTtz6mtL7RN9u/s/zZPsX9l+Z9m3Hy932Tfu29M7/mz689a45fE2nrbPbjULcRSOrsvmpyyggHr/tH86sf8JpbfZvI/tGzxs8vzP3XmbcY2+Z97GOMZ6cdOK6oYXExSTg9P83pvtqc8sRQbdpr+ranXzXzprGtR3W66s7CTfDaSNmNAtzGoVVOQvykrwOhI6VDMkdzMlzNL5ksNsGM16pyVLfLNKo3E/fRVX5sgKxwuAeWn8aW1zC0Uuo2eH/1jr5SvJzn5nHzNzg8k5IB61HD4utIbl7hdSt3kkz5hlkSQSZOTuDEhucHnuAeorSVDEt/w21/wW+/p/wCI1qCXxq/9eRduIJLW5lt512SxOUdcg4YHBHFR1Qk8R6dLI0kuowu7kszNOpLE9STmm/2/pf/AD/W/wD3+X/GuJ5fir6QZ1rG4e2s0aNFZ39v6X/z/W//AH+X/Gj+39L/AOf63/7/AC/40v7PxX8jD67h/wCdGjRWd/b+l/8AP9b/APf5f8aP7f0v/n+t/wDv8v8AjR/Z+K/kYfXcP/OjRorO/t/S/wDn+t/+/wAv+NH9v6X/AM/1v/3+X/Gj+z8V/Iw+u4f+dGjRWd/b+l/8/wBb/wDf5f8AGj+39L/5/rf/AL/L/jR/Z+K/kYfXcP8Azo0aKzv7f0v/AJ/rf/v8v+NH9v6X/wA/1v8A9/l/xo/s/FfyMPruH/nRo0Vnf2/pf/P9b/8Af5f8aP7f0v8A5/rf/v8AL/jR/Z+K/kYfXcP/ADo0a858cf8AIeT/AK4j/wBCau0PiDSwMm+t/wAJVP8AWvP/ABPqMOp600tsd0SqEVsYzyT/AFr28ow1ajUk6kbaHlZlXpVYRUHcbphxp6f7z/8AoRrY0qXF8sJsvty3OITbqv7x8kY8s4JV84wQDzwQwJU4OmzoIPJLAOrHgnqCc/1rUtr6e0837NJ5ZmiMTsAN20/eAPUZHBxjIJHQkH6I8Qn1K3istSntre5S6jjbCypjDfkSMjodpZcg4ZhgnK1M509/95P/AEIVPuqlqMyGDyQwLMwOB2AOf6UARaV/yGLX/eb/ANAavRfB8zReNtFZQpJvoV+dAwwXAPB788HqDyORXmltP9mu4pwu7y2zgdwQQf0NdJZ+J7exvILu2neKeCRZY2MLHaynIOMEHkUAdP4XmZNTulUKRJpt6rbkBIH2aQ8E9DwORg4yOhNGizMND8RRALtaxjYkoN2RcwjhuoHJ4HB4z0FczbeJrazmaW2uXR2jeInyGPyupRhyvdWI/GiHxNbW8NxFDcuqXMYilHkMdyhlfH3ePmRTx6UAbuhWlvfaoYr0SmBLeedlhcIzeXC8gAJBAyVAzg1qHSdKuIYRbR3kUt5Yz30LSXCOsSxCXKMBGN5PkN8wK43jg7fm4628TW1nM0ttcujtG8RPkMfldSjDle6sR+NSp4wSPydl448i3kto/wDRz8scm/ev3e/mPz159hQB1P8AY+nvovnWwluZfs/mmaK+hJDBdzL9lIEmFOVLZ6KZMFeK53NJ/wAJ0fsX2b7Uu3y/K837EPO2Yxt83Zvxt+XG7G35enFZc2u2ohYwF5JMfKuwrz9SKAOZ/wCXL/tn/SujrnnXbbMo7IR+ldBmgBaKTNGaAFopM0ZoAWikzRmgBaKTNGaAFopM0ZoAWsa6/wCP6f8A3h/6CK2M1j3PN9P/ALw/9BFADY/vH/dP8jTadH94/wC6f5GlgjE11FE2drtg4OOACf6UAMorc+xWne2hP1QGj7Faf8+sH/fsf4UAYdFbn2K0/wCfWD/v2P8ACp7TRl1C6S2sNMFzcPnZFDb72bAycADJ4BNAHOUV1OoeGrjSfL/tXRJLLzc+X9ptDHvxjONwGcZH51WTTIJUkeOwjdYl3yMsIIRchcnjgZYDPqR60Ac/RW59itP+fWD/AL9j/Cj7Faf8+sH/AH7H+FAGHRW59itP+fWD/v2P8KRrC0ZSPs8a+6KFP6UAYlbHhn/kJSf9cT/MVjkbWZSc7WK59cHFbHhn/kJSf9cT/MVM/hY1uZ+of8hK5/67P/M1CP8AUt/vD+tTah/yErn/AK7P/M1CP9S3+8P601sIbRRRTAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigBGVW+8oP1FN8mP8A55r/AN8in0UAM8mP/nmv/fIpwUKMKAPoKWigAooooAKKKKACiiigAooooACMjBqeK9mijCFFkCjAJbB/kagooAs/2jL/AM8F/wC/h/wo/tGX/ngv/fw/4VWooAs/2jL/AM8F/wC/h/wo/tGX/ngv/fw/4VWooAs/2jL/AM8F/wC/h/wo/tGX/ngv/fw/4VWooAs/2jL/AM8F/wC/h/wo/tGX/ngv/fw/4VWooAs/2jL/AM8F/wC/h/wo/tGX/ngv/fw/4VWooAsnUZSOIkHvvJ/pVbkkljlick+tFFADo/vH/dP8jT7TjULf/eP/AKCaZH94/wC6f5GiKQRXEUjcKrcn0BBH9aAN7dRuqJZFYZVgR6il3UASbq3PB7xDX3NwjvENPvS6I4VmX7LLkAkHBx3wfoa5/dU1pfXOn3SXNhczWtxHnZLC5R1yMHBHI4JFAG1ZjR7/AFi2t7HS74RyLIsomvElK5Q4lBCRgCPlzuIUheSoya0Es7WxtdQ8uDz44NJim87zZFivybyLLYVgdmGMeMg5jyQjghefu/EOsX7o99q19ctGrojTXLuVVxtcDJ4DDgjuOtVft1z5Pk/aZvK8rydm87dm/fsx/d3/ADY6Z560AbXjaVZPHuulIkiA1CZdqE4JDkE8k8kjJ7ZJwAMCsPdSS3Ek7h55XkYKqBnYkhVAVRz2AAAHYAUzdQBJuo3VHuprzJEpaRgoHc0AYz/66b/rq/8A6Ea1/DP/ACEpP+uJ/mKx87mZum5i2Pqc1seGf+QlJ/1xP8xUz+FjW5n6h/yErn/rs/8AM1Arsv3WI+hro7jw359zLL9q2+Y5bHl5xk59aj/4Rb/p8/8AIX/16lTjYfKzB82T++350ebJ/fb863v+EW/6fP8AyF/9ej/hFv8Ap8/8hf8A16ftIi5WYPmyf32/OjzZP77fnW9/wi3/AE+f+Qv/AK9H/CLf9Pn/AJC/+vR7SIcrMHzZP77fnR5sn99vzre/4Rb/AKfP/IX/ANej/hFv+nz/AMhf/Xo9pEOVmD5sn99vzo82T++351vf8It/0+f+Qv8A69H/AAi3/T5/5C/+vR7SIcrMHzZP77fnR5sn99vzre/4Rb/p8/8AIX/16P8AhFv+nz/yF/8AXo9pEOVmD5sn99vzo82T++351vf8It/0+f8AkL/69H/CL/8AT5/5C/8Ar0e0iHKzB82T++350ebJ/fb863f+EX/6fP8AyF/9ej/hF/8Ap8/8hf8A16OeIcrMLzZP77fnR5sn99vzrd/4Rf8A6fP/ACF/9ej/AIRf/p8/8hf/AF6PaRDlZhebJ/fb86PNk/vt+dbv/CL/APT5/wCQv/r0f8Iv/wBPn/kL/wCvRzxDlZhebJ/fb86PNk/vt+dbv/CL/wDT5/5C/wDr0f8ACL/9Pn/kL/69HPELMwvNk/vt+dHmyf32/Ot3/hF/+nz/AMhf/Xo/4Rf/AKfP/IX/ANejniFmYXmyf32/OjzZP77fnW7/AMIv/wBPn/kL/wCvR/wi/wD0+f8AkL/69HtIhyswvNk/vt+dHmyf32/OtHVNH/s2zM/n+bj+HZj+tVtDsv7ZMn7zydgz93dn+VUmnsBX82T++350ebJ/fb861bnQfs//AC87v+2eP61T+wc48z/x2mIrebJ/fb86PNk/vt+da9t4f+0D/j52/wDbPP8AWrX/AAiX/T7/AOQv/r0Ac95sn99vzo82T++3510P/CJf9Pv/AJC/+vR/wiX/AE+/+Qv/AK9AHPebJ/fb86PNk/vt+ddD/wAIl/0+/wDkL/69H/CJf9Pv/kL/AOvQBz3myf32/OjzZP77fnXQ/wDCJf8AT7/5C/8Ar0f8Il/0+/8AkL/69AHPebJ/fb86PNk/vt+ddD/wiX/T7/5C/wDr0f8ACJf9Pv8A5C/+vQBz3myf32/OjzZP77fnXQ/8Il/0+/8AkL/69H/CJf8AT7/5C/8Ar0Ac95sn99vzo82T++3510P/AAiX/T7/AOQv/r0f8In/ANPv/kL/AOvQBz3myf32/OjzZP77fnW+/hXahb7ZnH/TL/69czczfZ79rbbu2vt3Zx+lAE/myf32/OjzZP77fnW3beGvtECSfa9u4Zx5ecfrU3/CJ/8AT7/5C/8Ar0Ac95sn99vzo82T++3510P/AAif/T7/AOQv/r0f8Il/0+/+Qv8A69AHPebJ/fb86PNk/vt+ddD/AMIl/wBPv/kL/wCvR/wiX/T7/wCQv/r0Ac95sn99vzo82T++3510P/CJf9Pv/kL/AOvR/wAIl/0+/wDkL/69AHPebJ/fb86PNk/vt+ddD/wiX/T7/wCQv/r0f8Il/wBPv/kL/wCvQBz3myf32/OjzZP77fnXQ/8ACJf9Pv8A5C/+vR/wiX/T7/5C/wDr0Ac95sn99vzo82T++3510P8AwiX/AE+/+Qv/AK9H/CJf9Pv/AJC/+vQBz3myf32/OjzZP77fnXQ/8Il/0+/+Qv8A69H/AAiX/T7/AOQv/r0Ac95sn99vzo82T++3510P/CJf9Pv/AJC/+vR/wiX/AE+/+Qv/AK9AHPGRyMF2I+tNro/+ES/6ff8AyF/9ej/hE/8Ap9/8hf8A16AOZ8qM9UX8qPJj/wCea/8AfIrpj4TwP+P3/wAhf/XrmtTf+zr17fHmbf4umaAE8mP/AJ5r/wB8ijyY/wDnmv8A3yKtWdt9rtxJv2Z7YzU/9m/9Nf8Ax3/69K6HYzvJj/55r/3yKPJj/wCea/8AfIrR/s3/AKa/+O//AF6RtO2hj5ucDP3f/r0XQWZn+TH/AM81/wC+RR5Mf/PNf++RUS3W67EOzGW27s10kfhvzIlf7VjIzjy//r0NpBZmB5Mf/PNf++RSiNFOVRR9BXQ/8Iv/ANPn/kL/AOvR/wAIv/0+f+Qv/r1PtIhyswK2PDP/ACEpP+uJ/mKsf8Iv/wBPn/kL/wCvVzTNG/s65aXz/M3IVxsx3B9faplOLVhpO5//2Q==)die를 이용한 패킹 여부 확인

- die를 통해 Crackme\_Mission.exe 파일은 ‘packing’이 없는 것을 보아 되어 있지 않는 것을 알 수 있다.

**3. 프로그램 언어 확인**

* 위와 같이 die로 확인



- die에 ‘comp…(Compile)’에 Microsoft Visual C/C++(6.0)으로 컴파일이 되어 있다는 것을 알 수 있다.

**4. 동적 분석을 이용해 비밀 번호 알아 내기(단계별)**

* 첫번째, 프로그램 실행

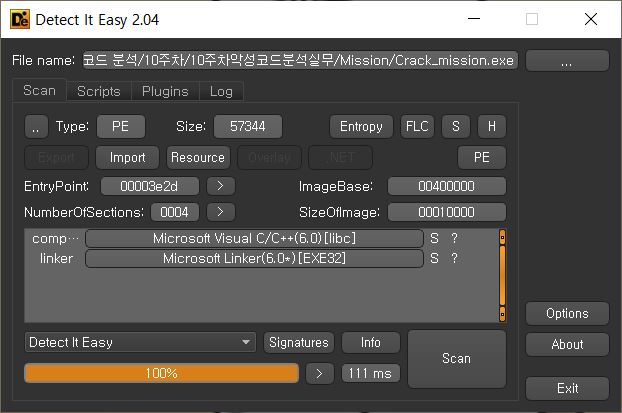
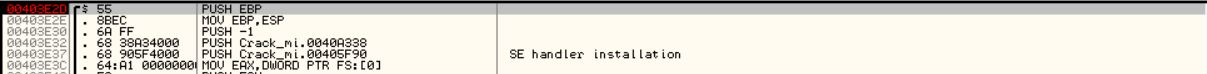
Crackme\_Mission.exe를 실행하여 **000000**을 입력한다.



사진 0 – [F4]로 실행

* 두번째, Crack\_Mission의 Entry Point 확인

**[Olly dbg] → [File Open] → [10주차 Mission] → [Crackme\_Mission.exe]**를 열어 Entry Point확인



- **00403E2D**로 위의 die와도 확인 해 일치한 것을 확인 한다.

* 세번째, Search For를 이용해 ’Incorrect password!’ Text 찾기

**[어셈블리 코드 영역] → [오른쪽 마우스] → [Search For] → [All referenced text strings]**으로 ‘Incorrect password!’를 찾아 주소로 이동

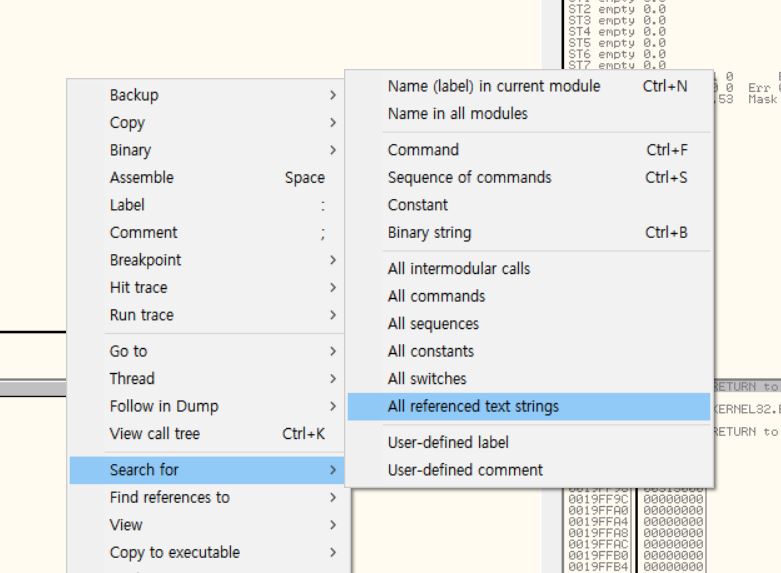


사진 1 – 오른쪽 마우스

- 주소 004011DE로 이동하면 실패 메시지와 밑으로 성공 메시지도 있는 것을 볼 수 있다.

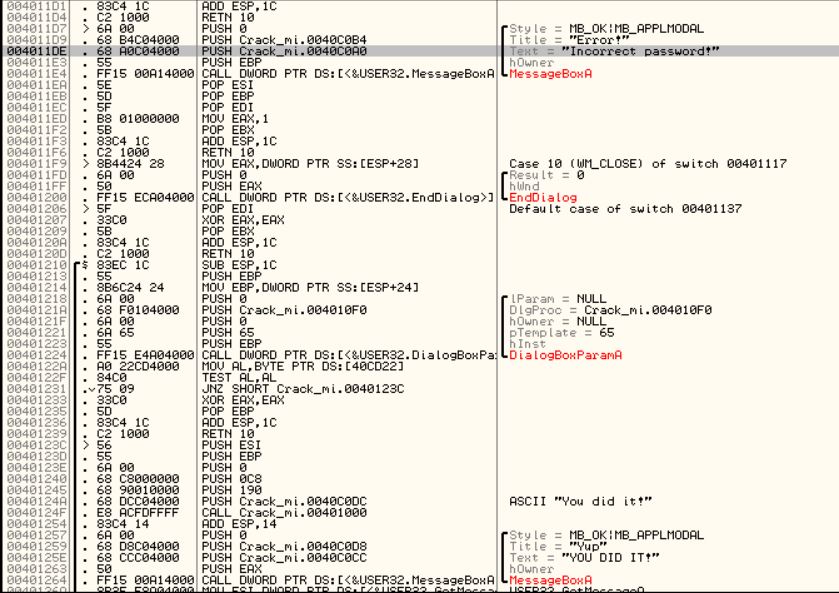


사진 3 – 004011DE 주소로 이동

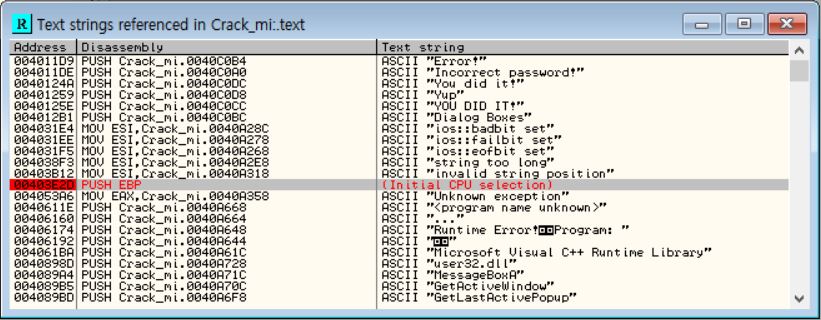


사진 2 – ‘Incorrect password’ text 찾기

* 네번째, Stack을 이용해 자신이 입력한 문자열 확인

Olly dbg에서는 **EBP(Extended Base Pointer) 와 ESP(Extended Stack Pointer)**를 이용하여 복귀주소나 파라미터를 저장하는 등에 사용되는 Stack 영역이 있다.

문자열을 불러온다는 것은 스택 영역을 사용하는 것이기 때문에 가까이 있는 ESP, EBP 명령어를 찾는다.

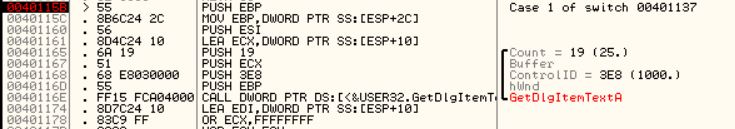


사진 4 – 0040115B에 push EBP 발견

- 0040115B ~ 00401174까지 입력한 문자열을 받아오는 부분이며, 우리가 중요하게 봐야 할 부분은 **ECX** 와 **GetDlgItemTextA**이다.

**00401161** LEA ECX, DWORD PTR SS:[ESP+10]

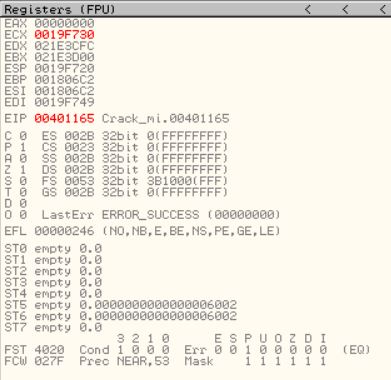


사진 5 – 레지스트리 영역

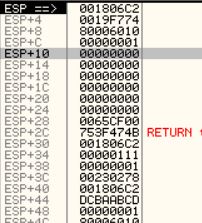


사진 6 – 스택 영역

- ESP + 10에 있는 주소 값을 ECX에 복사한다. ECX는 **00401167**에서 Buffer로 되어 있는데 즉, 내가 입력한 값을 있는 공간의 주소가 있다고 생각 할 수 있다. 다음은

**0040116E** CALL DWORD PTR DS:[40A0FC]

**00401174** LEA EDI,DWORD PTR SS:[ESP+10]

0040116E의 comment에 보면 **GetDlgItemTextA**라고 되어 있는데, 우리가 입력한 문자열을 가져오는 함수이다. 함수 실행 후, **00401174**도 실행하면

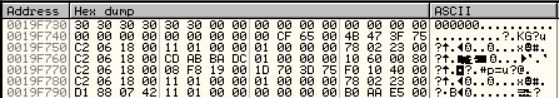


사진 8 – 0019F730에는 입력한 000000이 들어가 있다

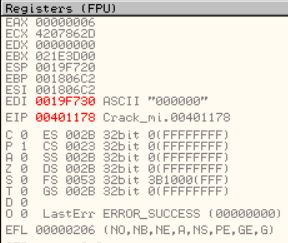


사진 7 – EDI에 ESP + 10 주소가 복사 되어 입력한 문자열이 보인다.

* 다섯 번째, 비교 후 결과

입력한 문자열을 받았으니, 이제 아래에 봤던 비교문까지 F7로 실행



사진 9 – 이 부분을 통해 password가 6개 라는 것을 알 수 있다

- 예상대로 **CMP**명령어가 있으며, 그 밑으로 **JNZ**와 똑같이 6번 반복한다.

- 첫번째CMP를 실행하여 레지스트리 영역을 확인하면 ZF = 0으로 되어 있다. 다음 JNZ 조건에 맞아, 실패 메시지인 **004011D7로 JMP**하여 F7로 실행 한 후, F4로 메시지 박스에서 실행 하면 실패 메시지가 뜬다.



사진 2 – 004011D7로 JMP

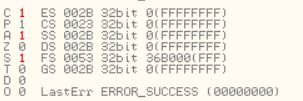


사진 11 – 첫번째 CMP 실행 후

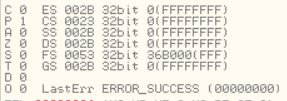


사진 10 – 첫번째 CMP 실행 전

다른 CMP문으로 가지 않는 걸 보아 하나의 문자가 틀릴 경우 바로 실패 메시지를 출력으로 JMP한다.

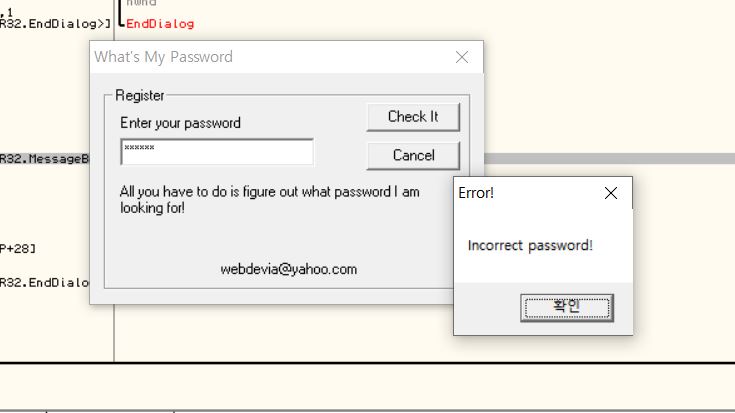


사진 13 – Incorrect password!

* 여섯 번째![텍스트이(가) 표시된 사진

  자동 생성된 설명](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAeAB4AAD/4RDcRXhpZgAATU0AKgAAAAgABAE7AAIAAAAKAAAISodpAAQAAAABAAAIVJydAAEAAAAIAAAQzOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAOq5gOycoOynhAAABZADAAIAAAAUAAAQopAEAAIAAAAUAAAQtpKRAAIAAAADMDEAAJKSAAIAAAADMDEAAOocAAcAAAgMAAAIlgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAADIwMTk6MTE6MTAgMTg6MjI6NTAAMjAxOToxMToxMCAxODoyMjo1MAAAAECuIMfEyQAA/+ELHGh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iLz48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOnhtcD0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLyI+PHhtcDpDcmVhdGVEYXRlPjIwMTktMTEtMTBUMTg6MjI6NTAuMDEzPC94bXA6Q3JlYXRlRGF0ZT48L3JkZjpEZXNjcmlwdGlvbj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOmRjPSJodHRwOi8vcHVybC5vcmcvZGMvZWxlbWVudHMvMS4xLyI+PGRjOmNyZWF0b3I+PHJkZjpTZXEgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOmxpPuq5gOycoOynhDwvcmRmOmxpPjwvcmRmOlNlcT4NCgkJCTwvZGM6Y3JlYXRvcj48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAcFBQYFBAcGBQYIBwcIChELCgkJChUPEAwRGBUaGRgVGBcbHichGx0lHRcYIi4iJSgpKywrGiAvMy8qMicqKyr/2wBDAQcICAoJChQLCxQqHBgcKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKir/wAARCACLAqoDASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwDx3wh4+8YaOLTQfD/iC4060muQqoiqQrOwBbkZr11tU8W3qNFpHiTU9Ju4dQisZZ7p4Zfte+fyDKkaxqVTfk8semPeuE+HnwV8R+MNDtvE+i6lplrHFcHYt0z7g0ZByQFIx+NemT/D/wAV3+pzX+l6lotvq800Nxe3lzdXEonaFg67Q8QCqGUHAJGOOlS7DMHU/EHjWbw+L7wrrOq2V2t3HavaXEsMslzv37ZQFiXYv7t+u7PPTHLf+Eh8ZG68PwweNr+5+3213PfSpDGFc2+4mOP5echCoY5znOO1bdx8MvFurTTt4b1fTdNvri5S7u7o3ly8s0qBgjqzxArje3TPUe1WV8D/ABLMmmS3Hi/S7qXQGl86SW7nYuZQw5Pl8MEYqCMkfWkM5LxJ4w8T6dp+j6ha+J9R0jT9RuWtrm0n8m6ltyFVizbY0GSrr8mM9888Z2pePPFVh8Vbjws3i+/g0lNRNr5nkRO+3dgcBQCTx/Ouquvg1rGtrbJaz6LFpFndPez2kt7cF5ZHADsZHiDAEKo6Y4NP1H4Ka1q/jQeNml0JLOSUXklv9tn2u3XdvMeQM4OMe1GgjnNI8beLbrxfrmkya/qmoQabcSR2+l2phSe6AkK/KxjIG0Dcfl5weldWupeL0GotfXfiTUHWK0uLfSIZoEmgWUygh2MRDFfLHIUferL1P4D6hc+J5/EeoNozaffO0/2JL25yzOMkhhFu6nOMe1OHwc1qaR7zxBc+H9RsZlWOC3jknie3VM7UQrEWVRuOVxgkgmjQYeB/Hmv6z8UJtPu7rU4bWxiJjs9QkjkkhkA2t8yoo7ntXsX9s6h/z9P+Qrzzwx8Nde0zx1a61qN9pkltdW4sbSK1eRjEkafIrFkBOFTBJ5z1r1D/AIRe7/57Q/mf8KegtTNkv7mWeOaV1eWLPlyMilkz6HHFS/2zqH/P0/5Cq2oeANVvNe06/h1t7WC03ebaRk+Xc5HG76Vrf8Ivd/8APaH8z/hReIannOo/ELXLDXriG3vrSHy5to0xof8ASL3p86uCAM+6n7pqnd/EPVIddGpA2kkaXpszAtoGuFAk8nzDNn5V3Ecbe+O+as69pWj2WqahY33iRrOynn331qdOmYM5xnEwTCg4XocVCNA8Pf8ACQ3ljba+PIuNR3XVpFpszb7lZM4M4Ts4+gAx0o0DUtJ421m18WvF9t02SaeYRTWFvD/pMa9neXOGAHzY29DiqPhH4i61qsulpNqOm3om62VnamN7Hg/OSWIwPu8Afers3+Gepz3sZvNcFxYwTCeK3dPmVwcgmTqQD29OK5fQfDmn2t1a6dceLIr6HRg0tvGbJ4VBRSMiXbiTCluATnr2o0DU6nX/ABFqemaDqOp2soa6trSR4yyA5KqWAPfGe1c74d8beJ9Vjmmh8R6VqrRwhja21u0LK56ZYs3A57Vv6XPpXipXs9K1YM00RKsIpoGZSOqMyDJxzxn1qGf4VaveLI974iElysDwWs8cPltAr43dPvE7V6+/rR7oalXw54x8QXeq3Vhe6pbaiIFJe6soTGkTg48tgS2WPJzntXS/2zqH/P0/5CqeheANa0lRDc6zbXVrHGI4oI7QQiPHTG324xWz/wAIvd/89ofzP+FF4hqUv7Z1D/n6f8hR/bOof8/T/kKu/wDCL3f/AD2h/M/4Uf8ACL3f/PaH8z/hReIalL+2dQ/5+n/IUf2zqH/P0/5Crv8Awi93/wA9ofzP+FH/AAi93/z2h/M/4UXiGpi3Oq3zatYubhiyiTaeOMgVi3viLxLe+Ib6y0O7tLf7HHE1ybm38w3IcMVUEEbcBSOc9a6W78O3Kazp8RlizIJcHJ7Ae1Z2q/D/AFCO8utVstcj01ZYh9sPleZvRAcEE8rgFulF4hqcZqvjLWYW8QH+wbK4fToVMUhRCIiIFcq528gZOMYzgDjrUdp8TPEC6ldJDqenBorkIulRWpFxc/IpyH3YBOf7p+7W9D4e0a60jxR5HiOGSK4s0lu3YMz28RtlAkIIy2Uw2fU461Jodtouiak+kJrIkur+7DRh7SZVLsigKH2bTwuetGganUf2zqH/AD9P+QrzjQviLrd9e28L6lpl0GvGj/sy3tSksGJGHmFixHGNx4HWvVP+EXu/+e0P5n/CvO9K8L2ketQaJL4rjuorW7M8Nt9ieNfN3lwBPja2GPTPPSj3Q1H2PjDVpo9Ja2W1j1y7lZNRVbcb4VCneT34fywcnvVaLxd42s38ST3Wp6bINJiZn8mxZGnfyA6kneeBkDvwO1dNZaRYRXY1+PWLdoNf8mG1JVgrFEcjBxxkbjzjpWQdN0O+j8VIuvxqt9A73DvbyqsSJDsZkJUCTAUt8ufyo0DUg8EeJdVv7iSeHXdGuYjGGni0+wMLqx6bm3HPftWt438U6lpfhG7ukuIWKtEv+lRCSMBpFUll4zgHP4Vn+Gwoikmbxel/Z2dvuaFtKkgYr2Zfl3Pj/ZB6ir8drpXxBs59M0fVhI0UiSyN9lmQKY5VJGXQDORgjORRoGpj+H/E/iK9sry10PVNKcptkXULWxK2+Tw0ZQNkuAAc7ujDis4ePvFln4J0rULzVtKtU1KeOJSbJhFbxlHJ3Lv+blR6V6XqOjjSdPlu9Qu4IIEHzNhiT7AAZJ9gCTXNeHvBlnq+gaNBpOrpcRaLcLJl4XjdiFZQGRgCoO4nOO1F0Gozw14ivPEOluuoSWmoQ20myC7htwIJhjqitnbt+6eeqmm6xr3iCw1jS9H8MXVlYC8SeWRpbXevybOiqV5O7r7V0umeAbjS7i9a3uovIuZvNSAAhYSR82OP4myx9yaqa38OtU1LUrG/0/WIrC4s0lQN5Pmhg+3PB/3RReIanH3PxF10QxGTUbLS5opJrabUrq3LxSPG+0oqggruxuA3HAHfrW7L49mtYdFj1mVnuNTmEcBgQSR7weHz/CDkH2z7U5fAV1ZXcWl6Z4kW11SRJLyYNCZFmDON77D8q/Ow75GcdKt/8KvvoYdIhsNbktIdPnaaVIycXW5tzK3sSTx70XiGpma14k8RjxfYaXpF5aQLd2ss9zJcW3mF1jZFC8EdnPXNZN94+8QJ4uvdFs/EelaWls8MNtBc2jO8m6NTxh1GMnGMV12q/DnU77XrLVbHV4rKa1ikhK+T5gkR2Ukc9PuCqN58P9XtvEk9xp/iSOyfVpARCbLzhujjA+924XPOKLxDU4258bal/wAJHqK3F1os89rd+StgbAfabrCqchycAkk9j0roZ/FGsrqctt5EDa6br/R5TACPs2775frwmR/vECtB/hLqcst9FLr0bafqE/nXNqLcAsSFBAfqPuiqFz4d0gatNpk2uxjWJL7z0u/IkJhbdxH5u3aMLmPBbODj2oug1JpNe8Qaf48tYjdWZs9TEv8Aq7XbOPLQEbpM/Nz7VsXmoT2lveX0CxC58l2L+UuX4zgnGT0rGXS7e++IcG/xNDLJamRILQWjrGGdQpHn7drHjpnrxVvTPDlxp/ijVtP1XxNFcXeob7q2svNc/ZbdcAkHHy/fH9M0aBqcv4Q8Sanquy4i1Lw/dym1Mktja6f5MoLJ9wuWIHJwePWtTw34j1aDxDPprXGm3G5CZzp1qIfspHRZDk7t2Tjp90+tGm+HIte1R7SLxcbq5tY5Usj9leFoiyFC6yEASkKc5BOetafhHwneJHKtn4ostSsLF2tpIorQRqkgAJ+YdcbsntzRdBqa0FzJaxvHbCOFJPvrHEqhvqAOaguES50m50yWKP7FdoyTwJGEWRSMEHAHanPPpiaDc61/a9q+nW0phluIw7qHDhCBhST8xA4zVePU9Jl02a/j1MGCBwkg+yziQE9D5ezcR7gY96NA1LjXDvZx2jrG1vHgJC0SlVx0wCMU+O+nhtjbRMscBBBiWNQuD14xiotCay8SPcpo+oRzPa7fOR4ZYmTdnbw6g87T+VbH/CL3f/PaH8z/AIUXQame+p3ckJikm3RkYKMoKkemMVDc3L3rK14sVwVGFMsStj6ZFa3/AAi93/z2h/M/4Uf8Ivd/89ofzP8AhReIamdDqV3bQrFby+VGv3URQoH0AFOGq3qyNIs5DuAGYKMtjpk496v/APCL3f8Az2h/M/4Uf8Ivd/8APaH8z/hReIalBtVvXdHecsyElGKglcjHHHFMOoXLRyIzgpKcyKUXDn1PHPQVpf8ACL3f/PaH8z/hR/wi93/z2h/M/wCFF4hqUv7Z1D/n6f8AIVVima3uDPAkMUxzmRIUDc9eQM1r/wDCL3f/AD2h/M/4Uf8ACL3f/PaH8z/hReIamXHdyxXTXMXlpO/3pViUM31OM06G/ubYubd1iMjbn2Iq7j6nA5NaX/CL3f8Az2h/M/4Uf8Ivd/8APaH8z/hReIamLpGq30WlQpHcMqjdgcf3jV3+2dQ/5+n/ACFN0Tw7c3GjwSpLEA27gk/3j7Vf/wCEXu/+e0P5n/Ci8Q1KX9s6h/z9P+Qo/tnUP+fp/wAhV3/hF7v/AJ7Q/mf8KP8AhF7v/ntD+Z/wovENSl/bOof8/T/kKP7Z1D/n6f8AIVd/4Re7/wCe0P5n/Cj/AIRe7/57Q/mf8KLxDUpf2zqH/P0/5Cj+2dQ/5+n/ACFXf+EXu/8AntD+Z/wo/wCEXu/+e0P5n/Ci8Q1KX9s6h/z9P+Qo/tnUP+fp/wAhV3/hF7v/AJ7Q/mf8KP8AhF7v/ntD+Z/wovENSl/bOof8/T/kKP7Z1D/n6f8AIVd/4Re7/wCe0P5n/Cj/AIRe7/57Q/mf8KLxDUpf2zqH/P0/5Cj+2dQ/5+n/ACFXf+EXu/8AntD+Z/wo/wCEXu/+e0P5n/Ci8Q1KX9s6h/z9P+Qo/tnUP+fp/wAhV3/hF7v/AJ7Q/mf8KP8AhF7v/ntD+Z/wovENSl/bOof8/T/kKP7Z1D/n6f8AIVd/4Re7/wCe0P5n/Cj/AIRe7/57Q/mf8KLxDUpf2zqH/P0/5Cj+2dQ/5+n/ACFXf+EXu/8AntD+Z/wo/wCEXu/+e0P5n/Ci8Q1KX9s6h/z9P+Qo/tnUP+fp/wAhV3/hF7v/AJ7Q/mf8KP8AhF7v/ntD+Z/wovENSl/bOof8/T/kKP7Z1D/n6f8AIVd/4Re7/wCe0P5n/Cj/AIRe7/57Q/mf8KLxDU4j9naNpvgd5Scs9xcqv1NdONLvtQt4omjnN1BaywN5kbRxLmIooUnhueSeevpXMfs7StD8D/NTG5Lm5YZ9RzXUjWr23t4r22lmljntZJGa4bK+YsZfCLjhQeOvbHvU9Rk1vYahfXiTwtPBdR2zxPNNEyIhO3aEU9R8rc9eevSmNo+qxw6rEkNuBvt5I/LR8OUKkkZJLcA57k1Lb6zNYXiTM9zcWM1s8u6ZtzMy7fujHC/N+P4cwr4kmNvqjteqzLJBt2KcRIxUNtyOcZPPc84pagXtNtz9qv8AUJ4LmWKW2VJBPCweRwWJAQ9sEAYH65qTTwR4CWG4s598dsYmgaE7i2McLjnmm6XcXzXt9ZrNKsf2dZreS5PmONxYZI44+Xp+vNWbK4u7jwPFcC4xdNab/OZd3OM5xQMi8oSeGbCd1vba4to1VTFATKhxtb5CD1+nSqH9mX1jFFcTSXXmSSyyPcQRiSdNwXC7QNpzt5OOMCtKZ72bQtOkRrh0eJGuDbEec2VGCueOvX2rJTWndoba+u7q0tjJMolPExCBNuSM/wB5v0oEW4IZIJdEE0ZRnvZn+YYZwY3O5h2Y9SOMHtXU1ydpetfyaNK0hlVL+eNJD1ZVRwCffArrKTGYWq+ILvTvE+k6VBol7eQahv8ANvoVzFabRxvOO/aoEsvEo1IWj6ip09Z/tH23avnMm7PkEYxjPG7H3cc7ua33uIY5kikmjSST7iMwBb6DvUtIDl7m0utc8azWepwSDRtPghnhXaRHdTOXyGP8WwKPl6fPyDxjlLW01vQfFFxbaLLrrST6lJcfYbi1RrBklkLO3nqgI+UswXfncADnpTNd1zVYtW1a8ivNSV7G7MUE0DD+zYVG35bgfe3fMc4B6rWdd+Ldae8utV0+6vJZrHXDY3URl2WcMP2kQqNmDvkKsD1A6nPGDQj2Y/dPGfb1ryO/sdT1PUfIis9XkW2M0n9m3dmsdpY/unUGCVEXzGBYKBlgQzHHGRtjTLq58YGPQ/EWtSRadceZqLT3QaFTw32cJtGSQRnn5QV69BzvgPXdXlTw1dXF5rhk1JglzLq7qbWcFGbEG3nflQRnHyhqEM2vDL3Or3XguOPS9StP7CtSt419ZvAoJtvLwpYDd83p25r0qsjxZqU+jeDdY1Oz2/aLOxmni3jK7lQkZHpkVwvhTWtUbxjp1vb3l9c6Tq1hNMlxqM3mM0sezmNMDan7zucnHQY5W4HqNFcn8O7zUrzw/ef21em+uoNUvIGm2bAQkzKMLk4GBwMnFaHi7xGnhbw++oPEZWLrFGDnaHY4BcgEhfUgHHpQBuUV4tZ+JtY1/wAN4tNX1LUpYPEckd3JpKiGZrYo5UIHOAMgcZzxXofgma3ksbqOK81ea4imAuINYkDT27FQQpxwAVIbqetFgOmooopAZN//AMjJpP0n/wDQRWP4k1y+tJtS0y40q7ntry28uxmsrV5suysHEhXIQAlcE44z6VsX/wDyMmk/Sf8A9BFYFzFeeIPGus2J1i902HSYbd4PscoRWaQOWMgI+YAoOOOM0wOM/wCEC1BvCPiyOS3urXVYrCCG2ltly1xtsI0eIcEOpYMvfB6YPNdF4fv5Z/FCQ+ItK1fzrRkttPH2CQ2sShFJmL4xuJyCSeNoxjJzlaxqvjFYvHD6brcBt9Ot1ImMXMJFmkheIZ/jbPGflznJ6VV0nUfEeqahqT2E/iGe/hvhFauXT+zkHlxnEozu/iYnA7imI9lrzCyttQs/EkNhplvqy28d5ufTLyzVrGBCxZ5I7jZln5LgbzySO2K9PrxvwzrervJp15Jea95tzqj28k2oOpsJEM7JsjA+bftAC5HUUkMq2fgfxIng/wAIiTUNUuSs2JNLngjWOzzbzKCSEDgAkDLH+KrmrWeo614T03SrPSNRW50PR7q3ufOtHjWRzZtCBExGJMv02545rf0y716+j0bw/Jc3S6rpkobW7jcArxbHUYbqd7EMvA+4c4xg5bQalpkfj2dPEmtTnRLdxZrPdBlBazEm4jbyQzZH4UxGr4a0DVtI8VaW+s3l7rUTacy2s88SJ/ZzAL5iNsVQd/yAZ5HlmtvwLZ3Nlp2qpdwSQNJrN7KgkUjcjTMVYexHINZngCGe523tzN4qVlt0ymsyoYZSw5KBSc4x3x1q98TL+703wDeXOnzXME4mt0D2pAlw08asFz3IJH40hk3jm0uLjSbCe1gknFhqVteyxxKWcxxvubao5Y46Acmuf8W6xNqXhK81HSdA1iC6E8K20kdpIlxKwyGLRgbtqoWALZGW45qfQdM1fU4b63mvPEWn6YVRopL+ZVvRMCd2GXI8srt987q5ZLrVrf4b+FL9ta8Q3txrV9CLoW06tMV8qUlYsgAZIBOfSmB0viHSpNL8DNb6PbaheWN3JHIsE5uJJLNeDjEbCdst1G47STngYrm9ITW7jQrZfE9jq8mhwXtzG1rawXMc5XbEYCFz5xUHzuSx689q7j4eahdajpl7JLNdy2cdyYrUaiQbtNvDiXHGd4bH+zio/Fkd1qHjfw9pMOq3+nW1zb3ksxsZvLZynlbcnB4G4/nQBysul+IDrNrcaba6kmnDS5o388f6SLc3EbLEjEcPsHRsvgEZ3YNdvJ478IaQUsb3xDp9jNDGga2u7pUljG0EBgx3A4I681xyalrt/b+RPcaxc2Nld3doDo8ii9dopiiNIWIBXYDk/wB4jitsa7LFa+GjZ6dFr8eqXJt7q+k2xNAobbuZTncy8qcHkqfWgDM1DSb3xL4k1fWdGv7g2P2W2e2lhlcxXUflylkj2naTvERyOeMdCQdSe71iNvAN5fW+oSyEY1IQwMSsj223MiqOAJDzngfhUmvx3N38S9C0eDU73T7I6dc3LxWUojEjJJCFB4PGHbj3rEu577U/iTrthJc+Kvs8FxbxQnSZUWCANChJfJyOSScA8UAdq3iC7HjhdBGiXptWtPtB1UL+4DZx5ecfe79a8zv/AA7q91fahot3b37yPrZv9PSCCRbXa1yJTJLMPlLbAwCk4yeRuwaku9Z1a21TxFcR3viDfp2omG3uJJFOnRKEjwJh97qxJwO4rorvVtTj1mfw4uqgefqQkXVC5/cIWMv2fGMbsLsAzjaScggKQRzWm+H9ZlvtL0jUIL77RpWsi6hVLeRLRIftDSs5l+7I5VsYzjgADOSZ4fB3i6z8eWsl01hfGfSb6O51COCQGQuY8K7FsBiQNoGFADcV1Fr46vrj4kS6E2g6pHaC1jYM9ugKMZXUyMd/+rIUY4zweKv+H7rUn+IHimzv777TbwJaSWsYTaIVcSZHU5PyjJ7+lAHGeDdH1WfxD4Yk1KC/F3oUL29yZbaSC2ijFuYlWItxIS2CWGc5JGFwK6T4fSLHN4ng/sm9sIX1WS5iWeyaFJI2RF+XIAPKNwPUetT6bFdad8U7qxOq393aXGlm78i6m3rE5nI+QYGBjjFb2r69aaT4fvdXJN1BZoWdbfDsSOwA70hnmkEU8vwt1+3stC1K3Ka59qhtDp7xu0JvEkGxMZOEGcDpW3NqeqT6nr3i3QtGvWaDRFt7a2vbSSKSedHkk2iM4Ygh15HfI7VzUHjPWNf0/wAWw2WrSXGoI1lNbQ6cCht42dBKkbOBkgEjccbuuBXb+Cpoft13A934iF4I1c2euyKzrGSQJFC5GCQRnPbpTA3dA0iPSrHLNJNd3GJLq5mx5kr++OBjPAGAOwrVooqQCiiigAooooAKKKKACiiigAooooAyfDP/ACLtt/wP/wBDNa1ZPhn/AJF22/4H/wChmtamAUUUUgCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDyL9nFo0+CqNNjy1urgvkZ4yM12VrcaVa3DPeWs0UUsDyw/aJvOVo8EkqmTtG32HHFcX+zpF9o+CKwg7fMubhc+meK7CHw5cXEAtZQkTQwyRG5aUSNLuTYOABtAGOP/11T3EXNGksoNUMLwTwXLxGSL7Rc+cfL7kcnYOnpn8KcdQ0m4XVZfKd13xxyMc4lYgBNvpzjDfjnvVa18PyXbqLsG3EcLxNKk4eSUtt+bOBtxt6Y70SeGLnZqSJfzMJTC0Rdlz8mD2AwflwD09qNAJbB7BLbULaWG6hnjj3Tq05mmCHph1JI78A5796ktl06PwRvjjulsHh8zyxI7SBT2BBz+VLplhcW8lzerbRpI0CwrAJg28gsdxfHfd6dqksLW+t/B62b28ZuUgMQUS/K3GM7scUhkb/AGWLw9Y2dtFdyC5QNBClwVkxjdjeTxge/tUY1G3W8sls9Klku4lliEKSKvk42bgcnB6ryKs/ZJG8M20F5YxzTRRonlfaNo44yHA9Bmsqbw01sbN4rWO7jUyvLGbgxAM+3G08nHy+tMC40XlXujf6K9o0l9NI0TuGOWjck5BI5rpK56fzBdaAstutuVuHURrL5gAET4+bvXQ0gMTU/CWkav4k0vXb+3Z9Q0nf9kkEjKE3DByAcH8a26wdWk8Tr4p0hdGhsX0Vt/8AaTzE+avHyeXzjr1qFfCW3Vg/2+c6Usv2pbAscCfOc7uuzPzbf72ecfLQByniyO307xBLqd74Q1We289VJt9TjW3vGPc23mDzGPoVJO32pLRbbWfFU+oaf4P1W4todRkgkcalGlo0kchVpTbmQAncN2duSRnrXWppk8vj65v9SeKSzitYl06NnGYpCX81tvuPL556cY5rl5PB15D4qkbTNOs7K4lvjdf2xBeuGCs+9lNsSQWZcoWyPvFgB0pgd5ZaRZabNqE9rGyvqE/2i5JYnc+xUyPT5UHArzvw5Z6L4f1ayaHQNagtJmaHSZNQv2ljeTaWUJC7kwsVV8FlXAyOM16d9ohLbVmj39ANw615/pvhzUZvGNvfS2VlaTwTtNdajBeGUXwwQVEDE+VkkNkEkbcd6QGtbeKrrUdcg8P654TubNb+KTd508E6bApzvVGYhTjbkjBPFaGkeDNJ0W4lntftcssiFFe6u5JzCp6iMuTsB4yFx0HoKTwno93p1rdXGtbJNUurqZ5Jw24tF5jeUM9sR7BgenrzW6kscmdkitt64YHFAGP4a8J6b4TtriDSDdeXcSmaT7TdSTkueSQXJxknJ9TW3TEljlBMbq4HXac0+kBh3HhHSLjT7qzeGRUurp7xnjmZZEmbq6ODuQ9R8pHBI71a0TQbHQLM2+nrId7bpJZ5WlllPq7sSzYHAyeAAO1aIYNnaQcHBxQrBhlSCOnBoAWiiigDJv8A/kZNJ+k//oIqh4n8MaRfrLq1+t4j20LPKLO7kg89VGdsgQgOMAgBs9T6mr9//wAjJpP0n/8AQRWP4gXxFFf38NlFBqFjqdusKJNdLB9iO0qzAFTv3bgccY2+9MDnbXxR4QuNK8UwrptxbrNpsd1dW2dguIjZowSMg7QRFgbRjGM9Oa09L1pPD2rW2nWfhi9htdZuhIl19qikDFkUGTZuLhQFUE4wOPWs3/hW8reEfFGkXa2909zawx2MpfZ88dmkQY45T5k6Z6dc1oeG7XXtK8STDUNKtLtZZEijv/7RXfBbhFAQRbezbjwQTn2FMDv68u8PWOh2+uw3unaHrUulNdOLa8lvnntvOMhBYW5clMSbvmKgAjOQOa9RrzmHw5qLeLknt7GyspkufNm1S1vGxcRA5aP7MSQu5flJz1BPekgNC18UaNbWOn+K1s7iI+JmihkJbJjCRyupIzjgK3TrkVlXHiLSF07W7rVfD97a2Wv2UtysrXCt/aEcdvk7QrExkwrn5tv51n2nwnjtfDfhlYYYYdUtpf8ATp/tLuu0wyqSoJ2nll6Ad6nvfDOua1oFrpE0FnajR9MuLS2mF4JPtjNbNApKgDyxyG5Jx096egD/AAr5GjX0bw6J4hgvp7N5NPsr3WjcpdIu3cFBkZEIDJ97HXjvW9pGr/8ACwrO7stV8OXljZW9wUeSa5jIaeCYfKNjE8Muc9DiofDXg+Dw34js7jRRF9mnsfKvke4MpjkTG0xZJI3bn3dvlXpWz4U0q40PT9RTUDGhn1S6ukIfI2SSllz74IpAXde1qLQ9NFxLE88k0q28EEZAaaVzhEBPAyeMnAHeue0SHSDpWm6fqmlz6G2hzo9pb3lwDhtjhSJAxWT5S+Rkkd60vFthJq+kW0mnyQvNYX0N6kbyBVlMTbvL3fw56Z5x6VgeJk8T+IfB15EdN02O5mmhEFt9uB8gK25nMuMEtjAAAwCeTQB0tpP4dsY77xBb6jZrb6hKj3F6bpTCzKojGGztHCgcd6oeJtM8LeILSw1jV9VFvb2+9ba+ttTa2Uh8ZAkRgDnYOM9qq+IPD13d+GdvhyzgtpLp0lvLW3mRSzAAYSRlZFwRydh3AHoTmuZ0bwf4g0W2gvdRtIL+SG8unXTLy9Qq8cqRBWMgQJlTG3AQfe7dwDeuNI8K3d5Y6JF9ohjj099Qj1Ozv2iZ4g6ht8yMGfcWDEkkEjJ5ran8F+HtSXQpmtg6aNKLnT2ilIVXODvOD82euTnJOe9chc+CNVuNTttTP2GyiW0lJso5T5MjvOkohc5yRhT8ylRuAO3GVPWXHi/+z5vsr+HNbkaNVBazsjLFyoOFcEAgZxnHagCPxDpPhjV/EFrPq2p/ZtT06IlBDqTW8ixuy53BWBKllXrx0qrrfgvRbvxQl1K+pw3WqviZ7TV5LZSY4+D5auNxwoHAJ7nis+78Jr4h1nU9bvYntPtcFu9jHORHLvSOZSkikEgZkU49QD2q1NpWq2i+B2C29zcaMojv1kughG638pmBIO7BJOO9AF//AIVzoH9qy37C+dppRNNA9/KYJmwBl4i2xuFGcjnFYF9rfh62judMuNKnGhXOsFZr9rpVU3vnhiqoW8w/vQPujGOema6hrvxD/wAJ8kCDTj4bNpln3/6T9oz0xnG3GO1cZceANRfUtStWhiuLW91P7ampy3QxZg3CzGNIduckqFLbs854HFAHQQ+OtObX7WZ9KaG11Cb7Ba6szx5uHDlfLCZ8zAfcORgdehzVS1u/C+lfFe/Fo2oSapcWMtzezm5le3RYmXKbSdu4b+ij5eRxnnM0z4e6pbajbWdzAssFrqa30eqSXIYrGsxm8lIQoKAliMlic5PTADofhfNZeLrJ9O8QX0thBp13butxNGzK8hTC4CAlTgkknOVXmnoBZ8J32jReOFuTY6ja3muwM9jPe6l9oFzDky5SPexiXHzAEKB068Ve+FkGi6f4a1O20CK8WG21Sdbh7pGV5ZcKzMEPIGCABgdPesvwf4Lv7DWNH+3QxqdDDqb5rtZ5LweSYVG0KPKUDBA56YOTzXQ+DbLXLC78Qtq+mQ2qXuoPeW5juxLuDIq7T8ox9wHP+17UMDIk1/w/f+Dde8UR6Pd3Ed3dJZz28n7uSZ45RDGQr48sgkEZwRjPUUvhy5XQhfW1n4Z1V9cCJM1pe6klxO8DMVDCZ3IChg3ybuuTjmqqeHfE114D13TrjTLWC/uNX/tCCEXodXVrlZipbaNpAGM45q/c6V4p1M69rMEMGkaxNpP9n2UCXQm2yKzushfaAOXxjHbPegDd8M+J59futRtrrR7jTJbBkV/NljlVy2cgNGSMjHIzkZFdDVPStOg0rTIbS1iWJI1GQpzlu5JPJPuauVIBRRRQAUUUUAFFFFABRRRQAUUUUAZPhn/kXbb/AIH/AOhmtasnwz/yLtt/wP8A9DNa1MAooopAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAHj37PBdfgaTFkOLi5Kleue1dAhmjtorrT0W2nktJfNSDBlZxETvcjuW6D+vFYX7OUog+CaTEZEd1cMQO+Dmuxh15LCdpZLW1PnW7T/6LEVZcJ5m126FiP55q+oirZNPa30dxpFrEDLayM1pAVyWG3BkI43ctwf8ai+03kcGtB7a98wyW7SGQrlgSoZeGIAIJ46AVrafrEVnqT29zFZxLJEZWltoiirtxlWJ6t8w+n41J/bjeXqUkliseySGJFcfM4kwAXH/AALp1xxSAq6RCsd5qESSR21lJarJttWCpCxLA/MON2AMmrGnGKX4dxAz7FFngukmCCB0zS6ZfiQX9gtlazNDH5mLePy4ps5GOeDypGenbtVi1uRL4NW8j0+AmS3802yqFQnqaBmbdTLLpfh+L7M2oQSxYkt4ypEmI++SBwefwrOErSyx201kFs/tE8a21yVEUBAj27uccZbGM9a6L7Wy2elJY21tFcXab49yfu4js3NgDnnkVG2pQvYTxXNlBcXaTOhgVBtldQCXweg5HJoEZ+nCVf7FjlkMgj1C4SNsYBQJIFwOwx0rsK5v7R9rHhi4MaR+a+/Ygwq5gY4HtXSUmMyr/wAS6Rpmuafo9/erDqGpbvskBViZdoycEDAx71q1XmsLS4uobqe1gluIM+VK8YLx567SeR+FRDWdNNot0L+3+ztN9nWXzRtMm/Zsz/e3fLj14pAeR+JIkfXdav2hsnure92xXkz41OADbhbVMfMgycHcOr+lZ12Lq51S91BIobXWrLxAY0u5ArXtzCbsIEjGdyxiIkE+gxjac13XiltesvEkE9jZeGr28mk22Ec1nI12UXGSX3fKFzy3QZHrWXo/ieXXvHFwsVx4Pg1GDUZ7VIJomN+0cTsuQd2clFJ6Yx7VQizaeEPDes+NLy607Q7HT10G9HmzxQhZp7nasmdw6IA698kkgjgE8h8NbaK0Xwnc29rpFrNcOFln0mXfdzgxudtyuBtQkAk5PzBPWvdUt4YTK0MMaNK2+QqoBdsYyfU4AGT6V51oWtRWnjSOyt9P8OLcTyNBPZ6Sim8sRgktOynBUFQpwByy0XGdf4ylu4PA2uTaa0qXcenztA0Od4cRnaVxznPSvJ9Jaw07VoNQJg0XSLvSrh9St9NZRIhXy9rzvGT87FnwO3PPJx6h4a8Q32s6x4gstQsUs/7LvFgiVX3l0MSuGJHHO7OOw461pxaFpEEU8UOlWUcdyMTolugEv+8MfN170tgOP+H2nWUOq3N7pcek6VbSwYXSdNnVycsCJJgvAkA+XgsOTzXR+L73WbHw+8nh2xlvbxpFTbDsLxoT8zqHIViBzgkZq/Y6JpWmStJpumWdnIy7We3t1jJHoSB0q9QB454W1XxFbeENYt9H0HWJZv7emjmeaWJ7hI2yWYEyYZ1KhTkj72QTiuj+DNxNL4Fkims7y38jUbtVa7dWaTM7knIY5IJ2knuD1HNd5FBFBv8AJiSPexd9igbmPUn1PvRDbw20fl28SRJuLbY1CjJOScDuSSaLgSUUUUgMm/8A+Rk0n6T/APoIrkNUstA1Lx7rY8ZravDa29s2nNeEZiJVzIYc98hCdvOQK6+//wCRk0n6T/8AoIpdfs7F9Nnv7zTrS8msoXlhNxCr7SBngkZHIHSmB5Vq2knUNP8AiLd2msahHbRWiEoJWBuFFgjKWzggk43HGSMg1H4a8H3evahq13aafpMLjUti6yzt9utiIYj+7AXHGePmHU1rD4nGPQ9fvdU0ezhiSwhmW4K/uZ55LNJRFL9S20EnnhetbtrrGvx+J7Gx06HRHtbvZc3UFvBIs1vCyj53bdtBJGBkfNtOOhp6iO7rwXwhaQw3Gl3cNpo9vcS6w6Pd6fLv1FwblwVlTAxGRwx3H5ccV71Xmmg61DN4wIs7Dw3bXLSusmnJGsWpQrkgyOc8jHz4xkqwpIY7R9BmuLyw8JXJia08KPHO82SWuVeORI1K4wMqXLc8ELjOTjDm8JeH9Lg+Jk+naPZ20tlavHbPFCFMKtYqWC+gJY5+tadl8W9Ln0nQ7y1l0qbWNTkC6jaW8oMsaLFI54zu4KgfNnG6pbzxhqmm6IdU1HT9Jmt9b06e8tooYWDfJbGULOSSH+RQpxj8qeoiT4ZaTpFrIlwmmeFbS++yoIpNHuPMmZSPn3gqCP4ema1fi1EZ/hvewrFHMZLi0QRzH5HzcxjDex6Guf8AB2s/b73y9Bt/CVzfTWjSJd6PbHZZNx8k5DE/NngAj7jV0fg7Ute8SR37eJYtIe0trua1WO2hk3NJDLt3HexGPlyO4OKOoyloPw8gS1vode0fR7ewuFQDSLEGS13qSfOIZV+c5C9OijmuGg8L6f8A8Kr8Dx6Xoumy3Gp6jA1xFcrtiumEM+PMIBJ79jXrvijWptF02BrOOOS5vLuKzg83OxHkbarMByVB6gc1nRX82gaWp8X2NjHDayqLe40+A+ShKtg7Tkx4+7k8EuAOtK4FP4aQNaWeq2k1vDps8F3sfSLY5hsflG3yzgZEgxJ06vzzVXx3ZaHqHj/wvB4oispbD7NfNtvdvl7x5OPvcZ61vW/inSW0m71W0sr0yJIq3VtHYv8AagxwF3xAb/u4IyPu4PSqepeJPC2o6bbXOoaedSkMjpHZNp5nuY2ABcGHBZcArnjjK56ijqBwi2EF9ZrFcHSLyzt7y8istN1uRo7NYFmIjkiYKy5C4VQP4SccV0A8R3FnYeCotL1KDS7a/vmt5bbUFeSS4VX2+XEwU4HXaTgbStXZ/E/h68vrexurGxk0WHTXuglxbDdBKkqRCLyz91vn27cZzx7V2K2djew2c0ljEfJCyW4mgAaA4GMAjKkcemMUwOH8XWei33xc8OR+IorOW3XTLt4hd7dolEsG0jP8XXFc7qGl6ZqHxX8SHV9N8L3cK3NqryaxcbJkT7PHny12kEdepHNdvr3iXwpFrzafrlmtzeWSJIry2PmhN/KqrEEbiFLYHOEJ7VPqkXh+91vRmmsNKvDq5fbNLaLK0yrEXUq+MdADk546UAeV3lnax614ovbez0VZYNVYQXkUv/EziAjix5EeMHHb5h1NdVefZxe3lsHm/wCEUfWd15OFGVuvN3Fc53bPPCgkDIOAAVJYehDQdHW+F4ulWIulIYTi2TeCOh3YzXn+pePWsr2T/QNOk0o6o9pJYrbs9wzrOIzOSDsVfMKncw64GckUbgaNre+Nz8Upre5ttPGliyiZgtzKUVPOkG9cpgy4AyOmAOayvDdroup+LLXU/D8um2cSzFjfG6DahqeAQVcdTGxIbk7soMrVyH4kXp1fTHmjs20/VLz7LFaxRubmEec0IkkfOwKXRscDPQcim2+vaNH45ii0nw1py2C6ddX0WpR2yK8zwsgPlkD7vzn5u/boaBFrRLLQ7L4y339gRWcbTaSZLv7Lt+aY3ByXx/F9ea3D4sh1jwnqOqeCtutT2rPDHCmU3zLjKZbHr9K5fwt4qX/hMLC3fTtJRtegM6vp1qySQZi88LPJkhmK4OBg856Vu/D6dRpOr2dvo8OlLp+pzW6W0T7i2FR9zNk5Yl+v09KQzi/DGreJbTUfGjW2h6tdasUtJcXrwhi5UKwAEhUcMzquduFxkVq/CO5vG1fxfb31jqULjU0keW/dGbebeLKHazc8ZwOApUZ4xV0eMtTHgPVtfTSrKz1aLUzYmF/nXi4WEb2U5YgN2OPSrdpqHiSPVr/RBHocetGCO/8AtMcEggdGYx4dd24v+765xjHpTA7aiuX8GaxresrfS6uNPls0dVs7uxR1S467yA7HKj5cMODk11FSAUUUUAFFFFABRRRQAUUUUAFFFFAGT4Z/5F22/wCB/wDoZrWrJ8M/8i7bf8D/APQzWtTAKKKKQBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQB5F+zjGs3wVSOThHurhW57Eiux0/TdOuA1idQjlgt45ESKKIxlAwKsSxJ3cd/xriv2d42m+BvlxjLPcXKqPUmul+xXmp20UIEz3VvaSwPGUaOOPMRQAFgAxJ78/lV9RGrpOn6fesYZLuG9jt42iSFITGFViM5yTu+6OaG8P6KF1ZY5I0VvL8xV/wCWO0AgHnnJAOPwqpawX2oX0dxaSyLdRWrxO8sbpHETt2hQwGejcj29qiOl6nDb6tElvANslvKNm87ypVicnluAc9yaQGtpUUUlvc3UGpQyz+UIRKsOxI1XJHyE88k85qSytfJ8HC3j1KJ4vIIS68rChPXGeePeqWnIst1qOoXKz3FtLaqkpmhb5mBYlVjIzjBHQc/XNS6e0TfD1Y7i3kIjtvLeJ4G3bgMfdxk84oGLPp1j/ZOlvq93HPbWq/K3lkCUFcLwDnpikj0bQl0mWaXyZLVpHkicqf3W4AEDv2qNDdzWvh2TT4sSRoyt9oR1CkR7TnjI5HFUWh1GK6NzdvJbIl5M0j28BmG4hNpCEEno3zY4/GgRox2UGnr4at7Rg8SythwMb/3LfNjtnrXTVzZmuZ7jQpLxSHN1JtYrtLr5T7WI7EjnHaukpMZharomp33ifSdSs9dmsrKy3/abBI8peZHG454x9DUy+GNLXXjqywYuD823Pyb8Y8zb/e28Z9BVfVvE50rxVo+ijSb66Gp783kEeYbbaM/vD2z2rfoA483+haV8SLya71mMX1/bQW6WjIf3WwyHO/oN2/px90Vj6ja6bd+MDo114ot/JkuVuDZG0/0gOG8wKLgHAG4D5cdPlrJ8QW98NV1rR41vV/tK9MyaVHZs8F8G2/O9ztPlE7em4Y2j1rOvNI1S4u7vw9dC8W5Gvm/srWCGUQyI10JjJLMB5Z/d7sIW6443YpiPSk+IHhaXUk09NXj+1SS+QkZjcZfONoJXGc1zHh2XSdf8T2nleLoNVispDc2kSWhimZgCoMkxOJeGORgZOD2roLSC48QeJNTn1eGRbfR7rybCBkIjkPlo/n8/eOW2jqBt4wc1598Pkv7uHwpp88mpXjaY4llsrvTWtY7ECN13rKVXzCNwXbk5DE44oGej6B4ev9D1/XdV1HWIbqDU5ROYha+V5JVQg+becgIoHQc81c07xfoGrG5FhqcMv2UbpsgrtHryBnp2pfGFhc6r4I1vT7FPMubqwmhhTIG52QgDJ4HJrzPSba61nXrTVbi0vdUksNLntr21ltnhhjJ8vy0iSYKr/cclgDnAyfu0gPUNF8TaP4iWU6NfJdeUfnAVlI/AgVLrOuab4f0/7brN0lrbb1j8xwTljwBwM5Ncb4JludU8XTalLdX2qRRWJt/t19YGyaMmRW8oRlV3A43bsHGMZra8f2T3fh2KSOS7hazvIbvzrSFZpIvLbO7yzneB/dAJPYGgCzb+OPDl1ptzfwapG1ralRNIUcbSegwRk9D0rR0rWLDXLFbzSrlLmBiQHUEcj1B5FcHBrWp3Xhy6urw317bW08bWmsPpSrcwsQwdxbMoJ28KCFyQ5PQGtf4exzyLq+oXHnzC+uVdL65gNvJdhY1Tc0JA8vBXbjAyFz3zQB2dFFFIDJv/APkZNJ+k/wD6CK5bxebXTtelK+KINJfV4lhu7ee0a48xFBUbSGHl8O3JznIPaupv/wDkZNJ+k/8A6CK5m81GLw1441y41WyvJ4NXt7aO1W3tHnWUxq6urFQQnLqPmwDn2NMCt/Yfhyx8P+L9MGuwJbTWscU5lAY2SLaJGjHn5vlAbIx1qloF9Z6J4smsrLxtYyQ3F2rzWT6cxkz5ajZ527C8AHpxmqOp+ELbUrHx9d3OgvFcLaqLODysg4sUCoAvD7H6AZAYZHNXfC3g/UdWtdat9T1G6tdJuNRPnaa1qqidfKi5EhG8AkY4PamB6nXmVlNpOu+K47VfF1vfQW9158Vv9jK3HmRtna1xnDANkYxyAB2r02vEvCy3902l6RLNqV0bbV2nfTLjTGt4bdRcO3mC42DdgHcF3HOcc0kB0sfhvw4vgnwpA2rwm1t5gYbtIMG9/cygqO4yrMe/3aw4m8Pa3ZTaVc+Nba6ttN064gskjsHja0jNuyFpGJO/bEc/w5xn2rqdE8ONH4iGjzGb+x/DjRXGmKyYDO6uAN/VvLG4dTnfz0FVNSsbt7L4oBbWZjdQ4gAjP77/AEFV+X+9zxx3pgWfDd34Yv8AxTZTeGdXiaeOxMN1DDbsn2tV27GYkAfJlsf75rbtIbDwLoeo3Wq6gqWkl9NeSTOhAj86XIXjOeWAz3rD+HmvG52afdatq2oTfZ0KJeaK9okO0YID+WobqOp7VpfEy0ur7wJcW9gJPtD3VpsMUe9lxcxndt74Az+FLqBV17X/AA14i8MNeQ65HAljdRTRXPkuwinU7kLJgFlz24z61zWqavYa/wCBbsXPxBtn+1XMMcl4NOfyRjc6IkW7IY7MlsnO3oK7zRvDcum31zqWp6nLquozQrbm4eJIsRKSyptQAfeZjnrzXCw6Rqs3w3+Htpam5sLyG+iMkot97WwEMwLMrDA6gc+tMDptR021+IHhGFdO1eCU7lMs32YmGd14O+Lcp7ZA3ccda5dvDOn/AA7tbMz+KLTTtVkurma1mOns0WyRYhIgiDk8eWnO7jNdb4Hs7yyu9di1gyXGqfbFNxfmPy47seWPLZFGANse1TgY3KaqeMdSj0Tx54a1S8t7yS0itr2OR7W0kn2M3k7QQikjOD+VIDG1LTPD6HTfEmseKQ85tZEtbtYTxM7iQyKoyVX5Suw9jjOa6STWPGMhV9F0fR9TsmRTFePqbQmb5RltgibbznjJrjYoZdHi/ttn1XSJb67vJIL62083bNBNN5qxvBtZkJADZKjGMHBOK0NQfUFXwH59rq1hI+osZYdJj2wlS+Q1wowFVgQxHYs1MRc1ODRbTVZbjxnd2tnqutwReRaKGmFvLEjxl0YAbv8AX4yQOtV9WvNC0W88NaY/imGzv/C4RJVezeXzUMAQggfdJQ5BycZ71oeJr9NH+K2gX93b3j2rabd2xlt7SSYLI8kBUNsU7chTyeOKwrrVZ9C+J/iGWfUtXsLWa5tpRDa6I91HcqsEYb94I2x0K8GgZt/8JDpr/E9Zl8aEQLbi0bRfJby/OPzBy/QHBHFUpfCukpPqt9FrltFoV1qgk1CP7MTM1yJwdnnbuB5u0Y29OPeucvGvrrU/E+lRTao41LU2kh0k6W6wXaskeCbnZ8gOD/EMba6O8tJ31K61tdLmOlQ6qI5dKw+Z5A/l/aAg+Ujcwf0I+c/MAaBF7TvhxFp2reTDqMA0tb4akLNbbE5lD71Zpd3K7s8bRxx71l2fhL4fXPxAhOiyWsFzaWtxbvZwow3M5Ubw54yoDDAzncfStW18K+JYvifNrE2vyyWDWcUZJtYR5gErsYOBkABh83XnrxWVaPcah4u0uyhjvjFYXvnHSpdOFvBpyhGXck6qFlI3YChiDuJ7cAyXwPoujW/iCHTLHXba8Xw+ZWtbGCzaGSHdmJjI5J8zgkZAHPPtW7pOm3Hgq11/VNf163ms7qdr53+yeULdiApJ+Ztwwq8cdD61X0vUo9X+Ll3PaW94sNrpJtZJZ7SSJDIJySFZlAbjnIyKiOsp8S/hlrLWunahapI0tqiMqCSXYR86ZO0g9s+hpAYGlW9hqvg/XtGXxna3Us11/ajXS6c8S2589ZWJUt8wLADGQee9amnaRB410fXnPiiLUNQv7E6abu1s2gEEfLD92WJJBdjnIz07U3S9a1PUrPUkla+8QadHbiQzXmlLayRTB12hInVRJgZfoeUAHJAq34Fe41HxLf6pNPealH9kjtxqF7ZGzkyHZvKERVcgbt2/HJYjPFMR3NvCttaxQpjbGgUYGOgqWiipGFFFFABRRRQAUUUUAFFFFABRRRQBk+Gf+Rdtv+B/+hmtasnwz/yLtt/wP/0M1rUwCiiikAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAeP/s6ytB8DxKmN0dzcsM+o5rq1128t4I7y3nluYp7aSQtPjyxIsZfagABwDxkk9Me9cv+ziYx8FUM+PLF1cb8jjGRmuztZdJSZhexXSQNC7Qfa3DxmPaclFBJA2+w44q+oiO21ySxulllnuLmxltnm82Yg5K7fuAAfL83U5/Sok8UStb6pIb2BikkOwRnIijcqrYPcjPX17dq0dHksxqRjkju47jyy0IvJQ/7vvswTtHTrjt6UrXej3A1WTa7qHjWVscO+AE2e+cYPTPNIBml3l+91e2aTSMq26zW812AzHcWGSFA4+Xp+vNWLO6vZ/BMV0s6/a2td/muuRnGScDFQafLY+RfJN9tguUj/fGeTfMsfOMMpOBnOB161JajT4vBQdHu0sGg3jLkyKp7Aj8qBkV7qhi03RxdXxtEvIwZrkEBgRHu4JBHJ9qoLr6ytFbTasYbQyzIt6pAd9gTbyRjnce3YVqL9is9P0qSGK6unVCbSHeGkIZeRknHCn17VFHcafFcpdW9ncy37SS5tVK71YhN+cnbxhO/egCC1v21CTRZWlEwS/niSX++qo4DH3IFdXXNFYFvNGa2jkjEl9M7pJ95XMblh+eenFdLSYDS6qwVmAZugJ5NYi+LtMedbZfP+2G6+ym08v8Aehv7xX+7tw+f7vNLqvhHStY8TaTr16spvtI3/ZSshCjcMHI71qfYrYagb7yI/tRj8ozbfm2Zztz6Z5oA4fxFp+p3fiV7Hw/4p1iPUJCs0kCNEbeyiJ4LDy9xBwQF3ZOG54rJsL3Ul8QXTeJNY8U6cg1WVImEMS2PleaREu8oThhtXryTW9ceJNJ0nxdqepx6ZqEsW2Kz1HVUKG3tzGWIVlLB8jzOSqn7wrHvLzwxH4q3z22qDSnv/KeX7Qo05rsPyDDu3M/m9wp+bnpzTA9POcHHWvMpr3Xre/upNN1i+1OSGOY6hI8KrYQbUYkQnGfMVwg2szcFutbs/jua31a3sL/wrrNql3cfZo7h/IKHJxuwshbb3zjgda5HwcNFuItNhih8W6bpN/G0Nh9u1ANbXG5GxGEV2PK7iMgD5fpSAt+Atc1Wa/0IXN/rU41K133I1qFI0c+VvzblVG75uTnPy16pXKWPhXRfB9t/adxfX81vpduxja/umnW0jVMMUB+78oxx24qTRfG9tqusHTLuwu9KunhM9ul20eZ4h1ddjNgDI+9jrx3wAdPRWLofirTfEWoana6Wzy/2bIkUsu3COWXPynuPfoe2a1pporeF5riRYokG53c4Cj1JpASUVxj/ABL06TSIr/TNO1DURPqb6ZBDAirJJIqsxIDsuFwp64PtW/oWr3Or20kt5ot9pDI+0R3pj3OMdRsZhjtzTA1KKKKQGTf/APIyaT9J/wD0EUuqapEunavFZ3K/bbK1aR0U5aIlGKEj32nH0pL/AP5GTSfpP/6CK5Txd/ZsviSRLaw1y6uUiT+0jo86xKIznZ54LLvGN+AM8bh3pgcxb+NPFcPhbxJqLSyXtvb6ZbmN4owZrWZ7GOTzfRl3tkjHHJ6cV0unR6rq/iezuNJ8Q6pJb27RyakkhjNsDsBMCgIGLHOT83y8dc8U7zxF4E0vT/F1nIl1DC1rH9qgjjYedG1qioIhj5f3e0YOMYycDmqemalo2na9d6jY2Xii2022vAby6F4oslk8tMl4w+4jBTOFNMR63Xm1nqWsW/iWJtZ1LVLS4luvKaKW3U6Y6lsKkTgBt5XGMsfmzx2r0mvK9GvtDu9at7x9I1600uS9ZLRrqdDYfaBIVBSJXJVjICQdo5JPFJDM+0+I+ry+EvCjiHVEu5pc3V5cWu2C6AglbAfoclVPGOlWNT1rXNE8MWOrRa5eXM2uaTc3TRz7Clo62jTqYgFBGGAHzFuPzragl8NSeCfB3lafey2Mtwq6bblgXD+TLgPk4IK7x16kVz9rc6NKuuwaj4b8Tpa6ZZTpcLe3MTx2KNAWKRASHYTGdo28YIHFMRoeEL7VNY1F9Li1jxAFksBLeyapFHFNbs/+qa3wgBBIkzkHotbXw5g1GRNTu9T1/UdS8nULqyjiujHsVY5Sqt8qA7sLzzjk8U/QLwa3rel3cvhXWdNFlZultdXbw+XscJwQkjEkhVxx61pahPp/gHw1fX8Vrc3ET3ZneGIhnklnlAwu4gfef1pDDxrqF1Y6VZxWMzW73+oW9i0yAb4llfaWXPG4dsgj2NVLi6v/AAPo1zc319PrtnHJH89wyrPEGyCSVADDcUAAUYBJyaqaj4ih1/SLqyvfDOsJqFuY5109WhW6RSSEnjYSbRhg2DuyCvSuSa90bVvA0Ty6H4ski1m8hjhka8j+1XxCu6Df5nKLsJwxGCRigDu9Q8Y3ekeGLnUtW0mOwuraRY2gub0JC24jBWbbg8H068Vn6d8TI9csbUaDpyX2pXEs0f2ZbsLEPKCGQibbggCRMcc5PpV2zi07xnpC2l1HqWn3+lusbiSYLeWzFRgmRCRl0IJIJyG5rB13RtI8LvYaVZWPiHUtS1Ca4u47mxu1F0uBGJcyuynaR5fGecUAWrjx1c2njSyt723nt3uNMmCaXkEy3SzIvytjkY3fN025OK7+FpHgjaaMRyMoLoG3bTjkZ7/WvMC/hiS2txp2hanq2pSW0sE9lE6G4ixMrSySM7BTIsyrlgxO7kZ61u7dYvo7a50/xium210BHb2t5p6NKGUbWUszAu24HP6ZHNABrfxCbRvEl1pf9kPOlusQE4nA3SSK7hdu3gbInO7PUAd60ZvEMNzqXhV7RrjyNYEkke1gqlfIMg3qQSeOwIwfXpWRqFzBoOvpplxp+oa7q+v2WLua0WONfLh+QuVZwF/13bNUNUurMaxZ6NpnhvxDft4TeJIrjTp4kVSYVwrFpFLAoQCMc80Aekb137Nw3YztzzXj994y1g6lf6np97dzS6drJsbizVkWzhh+0CFSw2lmkIYHAYc89Bg6cmsaIvxFuvFM/h/WY5tNT+zLrUy8f2aBcBzlA+443jkKatXUfhrzLzVZI9SCxar5EukLNiOefzQvm+RnDZb95nrhd3amBh6d4z1W61LTtVtb+7uhcauLC/tiUFnahpzEFUbdxk2gNjdxuzyDinWvxW/tX4gRCy1W1TTpNLu2t7A/6wzIUKGT0JG/CjGADye3Z2/hnw9D4qMEVzcmeALfrpZmY20RLnbKsf3Qd6sc9c5NR3F94bv/AIn22mtG9xq8WmXIJUfuUiLxB0bsWJ28DOMHOM0aAcx4P8Vale+IPDs0WoXmo2GuxObmS5ZPJimEBlZIAqg4VhtJJbGCOvNdV4EudTnttft9TuIZZrPV5reEww+XGiCONlULnplj36k1meFrfTYPHE+mtputW1xYQtNZLqVwskEcRYx5gUMdgxwBgfLxXR6H4UsvDsuozWl3fyHUJDNP9pumkAfGCy56HGBn2HpSYHGNrfiD/hVusT3mqkapDrbWX2u1jCbF+2LH8itnA2kgZz+NXZvtOmarqmhaj4r1KKxt9Oj1N9UleITw/vHVl3bNuzCA8rnk81kNJ4RtPCPirT7SXXNUs7a9t3uWW6LSSzySqytC7EdXwS3Q9QTW1oGg22tafq+naxofiC2W+tvs813rF1HLLJEcjy0dXYgDJOOmSaYGr4HstXgjvbvVNT1C7tLoobOLUdnnRqM5Y7VUDdkfLjjHU5rq6bGgiiWNPuqAo+gp1SAUUUUAFFFFABRRRQAUUUUAFFFFAGT4Z/5F22/4H/6Ga1qyfDP/ACLtt/wP/wBDNa1MAooopAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAHkH7OkRn+CKwg4MlzcKCe2eK6+Lw1eXFutvPH5ckUEkJupJA/m7oygwB90Dg4/rXHfs8MyfA0tGSHW4uSpHY10QluYLaK8sV+zPNZymQKcySOIi29vT5ug/H2q+ojUt/D1zdSL9qWS0ZIHie48xWklLbeRjgAbenTn60j+Gb/AMvUo1vpHEphaEsqDJTaegAAPy4Haq1pLc2V/HcabajbNayMbWM5Z2Xbguc8H5jx+vPERvbqODWd6XxkMtuZDIgBIJUMoGTjIJwPTvRqBtabp1zazXV79j8uR7dYhC0oZpGBY7i3Tndj8Kk0+1vrfwctnJa/6VHAYhGJB83GM56VR0iJo77ULcOLW1e1WRUgbiEksD8x/iwBVjTiJvh7FmdkP2PmRXwwIHrSGB0rULm10Vdz2MlorLK8bI5X5NoxkEHP9ahtdI1HTrz7ZtN9Ik02AzqjSK4TDZ6D7nSq+oD7Rp3h1RFDdBo+Umm2I2Iu7DNVi7O9tZyQ+bAXnX7OX/cxMNm35+6jJ59zxQI27xrh9R0NrtESQ3Uh2Ic7R5T4BPc1vVyGnmbOjJcSeYYtQuI1YDAKqkgGB6Y6V19JjMPVLrxJF4m0mHSbC0n0eXf/AGjcSyYkhwPl2DPOT7Gtys298Q6Tp2sWOlX19FDf6hu+ywNndNt64+lZq+JNQbUxpR0ZxqHn/MPM/ci33f60Pjn5f4cfeyOnzUActrfg3VrzxBfPFp5mlurjzbfUxdhIbZOMLJbZxKRg5JU5yPSqUvw81aTU72ymtftMFxqv2+31GSdPLtFNwJ2RYvvbjjaW68nHHFaeu+E9B8TeN59Mg02OG6iWO81G/wBzCTa5IRY+cZOxst2wODnjnrLTrLS/EN5fa3ommajC2tykX0N+7XSF5yIx5BUfdYqD82AATzimI9F0rR70+Ida1LWEWSRp/K01ywPl23lrwAOFJcvk9SMZOAK4jwL4G1jSJNES40eTTpdPO66uptR+1R3A2kFY4ixEZJIO4AYAI716y2ApycDHX0ryS206z1W8lvvDU0FrbmGUvqs15vudS/dsCrRgcISQ+4c/J92khnpPiTSn1zwtqmlRSLE99aS26yMMhS6Fcn86870/4d6lqk0f9qx3Okyw2M1rNqIuY5bi6Mnl4ZSvCBRH93GPm6dab8O7Kx0jU9HhvNB0yG+mttkGoaffvctIyx5dpFKrs3DPrycV6zRsBxHgrwdqnhrxPrdze6rPe2VykCW4kjhQNsQDO2NV27cbQOBit3xT4eHifRv7PN/cWP71JfNgVWJ2nO0q4Ksp7ggg1tUUAeTwfDPWHgitNYvrjULc+JHvpC0qQsIPLkXeGi2kMxZcgdMcY5r0zStLttG06OxsRKII87fNmeVuTk5ZySevc1coouAUUUUgMm//AORk0n6T/wDoIrGu7TXNH8XanqekaWupx6rFAmftCxfZjEGGWDcsDvzx6Vs3/wDyMmk/Sf8A9BFU9b1+yNtrmlmQw3NrZFsyEKH3o23Yc8njn0yKYGFdeEdTu9P8bG6trWS91aHFm6kY3mzWJsZ5QFgRz2pvhb4cW0F1f33iC1ke5kvvNiQXkhiZBHGBujDbDyrdQe1cNax63H4J8XXunXTuYtJtorizuJCq7Tp0RLqcEq65J98Y4zmup0HSND8QeLLfUYYrezl0uSMSS+aRcXdyI1JGM8IAR67ie23lgeo15L4Z8DavYahZrLo0lnLb6g9zLfy6l58MkfnM+1YCxCsVIAYAEHmvWq8lsIobDxNb3t1Db3jT33krrVpet9rmZnICSQFcBB9wnP3VB70kB2Gk+FhZeL7+6kt1GnxLG2mx+YSsLtnziqZwvITHHAyBgE5pX3hnU57Xx8kcSFtbi22Xzj5z9kWPn0+YEc159Z6p4nHgXwT59jb29ks+be8ivWeaVhbTld0ewY9fvHkCrGrw2mneD9OvNHIjvtT0S7fVnikJeV/sLvmTng+Zz25piO28BaVfaJJ9ml8NXenJJColuZ9Y+1qWUcAIWO3OT0xWt490O48SeD7jS7RN7zT25K+Zs+RZ0ZsNxg7VPTmuG8HaGv8AbcOl6votrottd6Zua3t7pp01YEDJJIUqY+CR/wBNetb3wv8AD+l6dBrF3ZWixXA1W9tRIGJIiSchU5PQYH5UDOo0bwzpnh+KZdLhkDS/fknneZz6De5Jx7ZxyfWuOHgS+vPAfg3Q9RhOdNu45L5YrkxlUWORTtdSD1Zehre+IDt/YthAzEW11qltBdjOA0DPh1Y9lI61kaneaX4J8PX9z4RvLeOO2lhM1mzb4hvJUbDngknceT9zGBnNIDb8G6BP4aTUdPZS9oLnfa3UsnmTTIw3ESMTk7SSi552qKr+KbTWY/Fuhazoulf2mllBdRTRC5SEjzPL2nLdfuGqusa1ruheGHW+v7eXUJJVWzu7Sz8z7SvDMfJLqFwMj/WcgZ9qxtJ8e61r1ta6fFNBpl21zcwy6jd2wKfuVibmIPhS3m9N5xt754AJJfCGpJpavd6ENSe5vLi8eC21A2s9u00hfYZlYBlGcEdzg9qtX3hjWrhfBn23TbTV59MvjNcXM87I1mm4FSmGAdlXC85ztz3rIufFeo2vjO1lZ7e6uTpc9obuEn7MrC6jTznH8I/2RnkgbsHdXq1vv+zRebIsr7BukQYDnHJA5wDQByfiCx1mL4haNrelaX/aFtBY3FpOBcJEYzI8TBvm6jCHpWDqHhnU4PiJq+tL4autUS4ngmtZoNZ+zKNkSKQ0e4BvmU9Qciruu+JfE9v4t1a10hYJLGxhtyymDLRb0kdpS27kDytuMfxg54wbs3iEXuoeBbySGGFdWV5T5hyYi1qXAVuOcnHTmmBy9x4I1m517WpRokkc+oX5uLfUTqeYYFKIPntt218FW6qc8V0dz4e1uXVpvESRQ/2rDfbLe2+TyntQ2zcx67zGS+c7gRtGFJU9OfEOkjxGNAN9ENVaD7QLTneY843fTNeO6jJfXOoalqsEa2+qafrxiF9MSZ5oTdCNYolzwojY5bHQYxzkAHf23w00y28ev4hSS52mBAkRvZyRKJGcscvgr8wG08cHjmsnR/hvquhfEDSL+3169u9NtLS5SUzrDuLO0ZCEhAzBtpJY5PyDnnnl9MlvLjUdJ1iGAW2ojXBbXt1Kc3F4jXLJtC5+WMRhRuI55GBjJsx+INdm+JVvdappus2d3Pot+EtnjURW+GiKsuG+YDGC+BkleKNRHe6ba6zdfEi61bUNK+w2Uenmzhc3KSGYibcGwvKgj1qPSF17xp4Fv7fxTbtoVxdySwwmzJWRIQQFf5s4Y4PB7VxPgg3H/CTeFNRtLdbFdSgdNQQndPdSC3LtLLyQgMgJA78HjOK7H4emNR4pthfyXRj1uYebJMHcKYo+c/nj6UDObuPhlri23iS0OpTahbX5sEgRxDCGSKRC5/dquwqqkDGPzxXpGiaDY+HrV7fTBOI5H3t59zJOc4A6uxIHHTpXlz+T/wAKf8QWr30l5HH4haJ5pptzuhvkGWYeo+lX7y08MaLqWu2z2izeF7TR49Qntbdi6GZZJNzDn721V4z2FAHqlFcn4F8KQ+HrW6vI4I7SXUikj2sDlooVUHaoJ6n5jluM8cDFdZUgFFFFABRRRQAUUUUAFFFFABRRRQBk+Gf+Rdtv+B/+hmtasnwz/wAi7bf8D/8AQzWtTAKKKKQBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQB5D+zlKIPgokzAkR3VwxA74Oa7G31q3025aZ7G0Q3Fu1xm0TD4C78OcYyR2z71x/7OMSz/BVInJCyXVwpI9CQK6/T9Ksrvfp/wDaFtLFbRyRqlsCJFDAoS5JOTj6c/lVPcRY0vUrax1SS1ltrK3MsRmaS1QqABjhyQAT8w4H9RUn9to0WpytYBArxRKHXBlEgAUsPTkcHnFQaTptjqDNFLd2l5FbRtEsVspXCsRneSSSflHPHenP4c0zGrIk6oriMsN7HydoDDdk9CQD64o0GO0y7hMeoaaunWrtCnmNFaJtilzkY+bAJ+Xr0qe1lgfwWLmPTICkkHmm0RVCE9eh4pmkQia3uby1v7OacxCBXhjIiQLkjK5yTljnmpLC0lh8Gi2S+tpAICsdyEOzZjqRn0z3pAVL+a2XS9IjFjpiR3Slwt0oEUR2bjj61L5v2zRVhWw0/wAiFyrPNj7MNuOV9ju4Psar30C22k6O9zqeno1uCI5J4iY5QUwMDd6YPWnSWLjS4byDU7P7OGaaXzIiYWJwBtAYYAweMnrTESC5F1NoLLCsKpdSRhUGEO2Jxlf9k449q6WudkMrXHh9ppYJS1w5V7dCqFfKfGASe1dFSYypcaVp93f219dWNvNd2ufs88kQZ4s9drHkZ9qt1gatpOuXnirR7/Ttc+x6Zab/ALbYeSG+15Hy/N/Dit+kB55qfjOXTfEeoT29npafZ5FtpreVyuo3qr0MSD76fOdufRqzNQ8X2Fr4qj16XRNJYf2i2mrN5BbUNyyeQX3AYVNx6kjjjqQKh8Qt4fj8T6hYXPi7RrWG6ud93HcR5voXOMrFLuAQcLgbTjJ9arvaeF4fFV/pcfizR47W91QT3VswJvTcCYSeWJN21R5gA27OnHXmqEddda74ts/Elpp0ttol1HcS5eK3klMsVvnmRsjaOPU8kEDOK5PwLqmlXmoaLqCeHfCizag37tdHjVruyYqx3yjHyqACpPqwHevR9H0B9N1LXLua4E7andedGdvMKeWiBM9xlSfT5q4zwp4Nk0W4tbTUda0iSLw4qzN9gtDBcfdYL57lzuUqWOMDJAPagZ195a6H4P0zVvEFpo9rBJFbyXNy9rAiSThQXIJAGSSO/euL1H4qajowvYL6306e7Wwa9t/szSeVGFK5SV2AG7DqcLkjvjIz07eJ/CPjezuvD1jr1rdPqNtJC0dtKC5RlIYr9Bk1l6Z8OLuKNI9Rv7RUs7aW2sfsNsU2rIV3NJ5jPvb92nPHf2wvUDb8K6xqurzTve3vh+8to1wG0i5eUq/o2eAMZpfG/iO48M6Jb3Vn9jEk97Da776QpDGHbG5mHQCofDPhe/0zVpdS1e409pzB9nSLTLQ20O0sGLMpZstkYBz0zWt4h0qXV9Ja3tpooplYSRmaESxll5AdT1U9wCD6EUAczJ4v1i00Fb24l0G6+03S28F3ZXDvawfKzM0zn7q/KBx3YVs+EvEM+vW92LpbZ5bSURm5snL21xlQ2YmP3gM7T/tAisIfD6+ksJZp7+yXU2uI50jgtSljmNXUBoNxJBEhJ+bkhT2rf8K+Hp9Ct7t72eGW6vJRLKtrEYrdCFCgRxknaMAE8nJye9GgG/RRRSAyb/8A5GTSfpP/AOgiuc8QrJ4g8VTWVjoOi6jLoscUskmqR7n/AHmWUQkA4PyHOcc4ro7/AP5GTSfpP/6CKydY0LVrbWr3WNB1azsEvIUW/N5btKVWIHa0ZDLtIDNnO7tTA5zWPHclh/wlsTeEPPe3hVpAAhWdvsqyOk5zj5VJGehAwMnismDxFYf29eauNB8Kiewu1QQoo/tOY7EO6Nccn5sD/dNdKul6bc6D408vxHBPFqlohmuXwTbqbNEEkmMA5UB+McGo/Csvg/Q9audOm1nSrzWLu+82FdiiVSY0UIM5Oflz+NMD0SvJvD/ieG98RQ6y+leGnvL28e0YWB3aig8wxb5BjO0BQWPpivWa8m8PaJa2niiHQbjxJocsljeNeCCztTFek+YZQrybyCvzYIxyKSA2rHxElz4f8Jra6PYLe3VzsNiF/wCQeVjfLBQMptO1ScDG/Hesa1utQ02TxlcXHhrwvEumW8hv2tInD3haDzgDlRuUlgDn3rr9Li0q28QXHiGPUbWS310QRWW0AZZVcttbuW68f3KxHfQNUj8e29r4lsXfUoXNxtOfsSrbiFmfnkAqT2pgX/CGqX2v3lvd3Mnhe5it7f5Tpk7SzW+8D5eRhQduD/u+1aPi7VR4N8IXmp6Xa2iOJ4yVl/dxF5ZlVncj/fJJrl/A+s29pFczt4l8LXWl2Nsv2ptNsmhdQOFZ2MhGOD2rY1HU/D3xJ0e40TQddsrqUSQzyiM+ZhI5kcgj324/GkBWtdf1fxJZ6jpKQ+H9TmWFXaaKR5rCSNiVaJjgneMZK9MMvrXLrqpHw30Se/8ADnhG2sdXvoxbW8yFbWDdHIxeQFcBvkABHqa9Wl/szQNLuJ2W206zjUySuqiNFGOWOPauN0Hw7pmueC/C9np+rWeq2mh3aySypHvSfYjqVxnj74POelAGn4cubTxXod1per6bpl3a2TpD/oyCWynAUMvlbhgheFPoykdqzvEunwWV5pPhPw94c8PvbagLi6eC9t8QK0Qj+YKi/eO/rjtXSeHvD48PS6jFaSIunT3HnWtoiYW23AGQD13Pub23Yql4n8P6zqOu6Tq/h7ULOzudPjniIvLZpldZdnZXUgjZ696AOY/4SqP7PBZWumaFps8Ec9hNcakfKs9sUnlvDGwGcEjcFP8ACpyOKl1Gy8OLPo8niG/1jSb3W5VtrW0stVuFhLgBQEETbFUjaR04PPOatP4WvLVIdO0/WNNk1SZpr+6ttQs/OgcyPl5Ej3Blw7YGWOAcHJ5q7J4J1GGHwzBpusiGHSbpri7EtushuQzbiik/cGSQMdBgdqYEV9Ld6N4p0vw14esrGf7dYSS3V1qckjySRQsiBS3Jc4lP3qytV1l7zxdcaBb23hGOPRZ4EsItWkKy72iRlMSAcY3bRj0rpNf8OaveeL9L17Q9Qs7V7O2mtpY7q3aUSJI8bHG1lwf3fv1rG1Twxqtt44vNR0zUtBjk1iaN4ItR05ppVeKFQdjCReybulAGZN4wkg8V6nqEth4de70uc2JjRydSuECqxEQxkglzgexrWutQtl16WV/DdlJ4sS+8m1Jt8u9tuwJfNxwPK3HrgHC9SBUEvw61W41PU/O1DS/sOqXf2md0sGF3HlVBEcu/C/c44OMmn3VrpZ12bT5PEtqniuW/+020hJ8yKHduEWzOCPK3L+Oeoo0A0LbXPBLfESa3tU0j+2zbrIb5Gh8yRmZo/K3A7i42cj0IrM8GeKNS8XXun6nIfCxdoWLRQXDPewREjcuMcchcjp0rVtovBR+IszW1xYHXvIWFrRQmU2sZN4GMhvn656YqjZeGWtPF1ja32rabtti95aRW9qIbyYL8pMrg7XUeZyAo52+lICx4fjbTPiPqOnTaJolm9xaG9W706IrLKpmK4kJAye5681b8QRaX4E8I61reh6Lp0E6QGSUJCsSzEH+MqMkfMfzNZ/hm5TVPiRqd/J4k0nUpoLVrNLOxiZHgQSlvnJY5I6HAFTeE9P1a/wDBuqad4i19NQv3u5o3lhCN9lHylYjwVJAweR/FQBi2L21h4V1d/wCyPB99phEYlttDXzFeQuoUyjGNq5LE9QFJrU8EyafdLqOgf2VoDWjxCaV9EQPZyhsqY34wXwuSP7pWsxtBtW0PVdV1/wAQaTbQxJ9kM2lwG2t42WZGIlUs2470VTyOCw75qz4T1PRNOt77xLqPiTRZYsJZu+mRfZ7WPB3DKlm/eEt1z0wMcUwPRVAVQqgAAYAHalrK0TxPoniQTnQdTtr8W5US+Q+7ZnOM/XB/KtWpAKKKKACiiigAooooAKKKKACiiigDJ8M/8i7bf8D/APQzWtWT4Z/5F22/4H/6Ga1qYBRRRSAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAPHv2eEaT4GlIxl2uLkKPUmukNvd6jZwRIXkuoLOWF4EVlWL90VHJADEt3/pzWF+zX/yRyD/r9n/mK6rwnrWoaj4i1W2vbgywwMRGpVRt+cjsPSr6sQy2S+vr6G4sJs3UVrJG+5WWKFjt2jkDPRuQKg/s/U4LfWI1tIQRLbynZIzb2UqxJJAzwCSeuaueCNZv9VudSXULgzCF1EYKgbclvQewrWlvbhX1sCTAtow0PA+U+Xn+dIDNsEjnu9Rvbp3ubSW0VJWeNgu4FiVCkZwAR25qTTzbyfDtEuIyyJa+W6NGchgOmMZ64pPBGq3uraFPPqE5mlWYqGKgYG0HsPetLT7yebwpFdyybp2ti5fA+9jrjpQMxLm4/wCJd4enine2WNCrSm3aTYRHggrjPXioWS5Vre5adoLUzyyNcG3LiRyE2P5fVejY9MH1p3ivXdS07w5pVzZ3JimnVTIwRTu+QHuPWjU9d1K3+HtlqMNyVu5WUPLsXnOe2MdqYjQNxPc3GhSXK4b7XIFbGPMURPh8dsjnHaukrm1nkuk8Lzztvlkbc7YxkmBsmukqWMwdV8VQaT4o0jQ5LC+nl1XfsuIYt0UO0Z/eNnjPaoVbxR/a4sHMH2VZvOOohB80Wc+Vs7P/AA56bcNnPFdJRQByV9A/iPxjdaLfwFNKsbeG4cbPlvHcv8rH+6uzJXnO4ZxgVy1lc3/hzxBdWOmXs9zPPqss39jT6aFLJLKWZxcAldoVi4yckDGATitfxz4j1XSPiH4I07Trsw2mp3Usd3EEU+aoC4GSMjqemK5+88aeIIv2l7XwxHqLDRniDNa+UmCfILfexu6jPWmB6/XmVnJp6eMPiFaafA8ct1Zo5C27qJZFjkEh3EYJyy9+c16bXkHgrxp4g1X49eJfD9/qLTaXZLMYLcxIAm2RAOQMngnqaSA7D4eaVq9h4Y0x9V1RbqNtPgEdv9iWFoDsHBYEk4HHOK6+vHvhR418QeIviR4r0zWdRa6s7CSQW0RiRfLAmKjlQCeBjmvYaGAUUUUgCiiigAooooAyb/8A5GTSfpP/AOgisXxN4nSxk1XSdTt5IEuLTZp8qRPJ9pdlYMvyqQuCVHOM7vatq/8A+Rk0n6T/APoIrxb4qfEbxX4e+L9ro2j6s1tp7rbloRDG2dzYbllJ5+tUlcC7F4QvV8J+MZQk9hqtvpdvbkrHu89F0+MPER0YZDAYzhuR0rp9A1rT9U8SQWevtNDc6dKkGn2JtJNjMI1Pnl9u0nkgZPy4PrWpf69qUNn4+eO6KtpUebI7F/cn7Ir+nPzEnnNcbrfjrxHa/HDwvoVvqbJpl9a2z3Fv5SESM27cc7cjOB0NG4j2mvKrKT7Jrdro9gZbqOK/3nRrvT8PaAyFmn+0cq20kuADnBA7VqzeI9VTwTqd8t2Rcwa81pHJsX5Yvtqx7cYx9wkZ6/jXoFIZ4Za6B4kPgXwWJr97mAzbU08WIjaAm3nA3PnPGccgdas6y41fwdpWnaZDPLeaLol3FqMf2d1MT/YWixkgBzv4+XNW/BnjTxBqnx98R+Hr/UWm0qzSYwW5iQBNroByBk8E9TXr9PYR514c0zVLLxdo/wDwkVz/AGiG0xv7PlhtRCIOE85JQODkeXtPXhulbXw/t3g03V/MhaJm1u+YblxlTOxB+ldXRSGct4+ikbSNOuVjZ4bLVLW6uSqlikKPudsDk4HYZNc94p8Taf8A8Izf654eS9tp/OgjS8htpE+1t8wKFQNxCqXPzADOME16VRQB554kN3ongYiy1LUr22upEeC8mnlSS2Q4b55UVpTuPAwhxkA4HNc3o/iDWL7Q7b/hIb/ULTRYr25hlvrJpzMdqxGEbygkYEtLklecc9BXs9FFwPIJp9b/AOEis7vTTfzWY0meN72ePFwLb7THh0GfmbbzlirYy2Nw2n0qPXdFtoIopNYtVKxrxcXCrIRgEFgxByRg81q1mXXhrQr65e4vdF064nkOXlltEdm7ckjJoA4jVk17VPFetXWiavcpY21tbOixzt5UkZjlZzHjIL70j59Nw71fn16/jbwDeahJPCt+v+nLHE20yPbfKGUA4HmEdeAa7a3t4bS3SC1hjghjG1I41Cqo9ABwKloAwW8VQL46Xwv9gvjO1p9q+1iL/RwMkbd2fvcdMV5df2Wo3Fxqmg3Es0N2deN5ZWMCPm5RrpZC8kmNm0RhiF3eh4IAr2+ii4HiOmWmp3FxpOi3ckkV9pmurOunwxuAYftLStLLIVCE7WGFBOAB3JAkj0Dxfb/EiCbVLLT7m8vNHvo57yCeRvMUmPaOUAUg42pnGC3PFe1UUXCx474Liv7/AMQeEvtM0jXeiwvBe2cUciw2ii3MYJZlAdy/UjOM4GQM10fw1n0pf+EqstPhaG3XV5ZliNs8amNo0GRkDILK/T0967+ii4Hi1pLp4+EOv2+kW0sdra695scKWsibYDeo6lVK5I2DPArfuNfDav4g8W+H7OTUbOz0JY40aF4vNnSSRzGFZQ2cMvIHevSqKLgY/h7Rk023kupnNxf3oV7q5ZdpcgcKB2VcnA7ZNbFFFIAooooAKKKKACiiigAooooAKKKKAMnwz/yLtt/wP/0M1rVk+Gf+Rdtv+B/+hmk8UXk+n+Gby6s5PLmjVSr4Bx8wHf60+oGvRXL+BNWvdX0m4m1GczSJPtVioGBtB7AetdRQ9ACiiqGuXEtpod3PbvsljjJVsZwaQF+ikpaACiiigAorx/xj418QaZ8f/Dvh6x1FotKvEhM9sIkIcs7g/MRkcAdDXsFOwBRRRSAKKKKACiiigAooooAKKKKACiiigD//2Q==), CMP 명령과 JNZ 명령을 이용한 정답 알아내기

**-** 각 **CMP**문에 숫자 **[52 45, 44, 53, 4F, 58]** 6개가 있다. 교수님이 주신 Solution.txt를 참고하여 Olly dbg에서는 16진수를 **ASCII**로 변경해주면

변환 순서 (16진수) → (10진수) → (아스키 코드)

1. **CMP BYTE PTR DS:[EBX], 52(16) → 82(10) → ‘R’(ASCII)**
2. **CMP BYTE PTR DS:[EBX+1], 45(16) → 69(10) → ‘E’ (ASCII)**
3. **CMP BYTE PTR DS:[EBX+2], 44(16) → 68(10) → ‘D’ (ASCII)**
4. **CMP BYTE PTR DS:[EBX+3], 53(16) → 83(10) → ‘S’ (ASCII)**
5. **CMP BYTE PTR DS:[EBX+4], 4F(16) → 79(10) → ‘O’ (ASCII)**
6. **CMP BYTE PTR DS:[EBX+5], 58(16) → 88(10) → ‘X’ (ASCII)**

**‘REDSOX’**라는 단어가 나온다. 이를 정답이 맞는지 확인 하기 위해 프로그램을 다시 실행하여 값을 입력하면 성공 메시지인 **‘YOU DID IT!’**라 뜨면서 프로그램이 종료 된다.

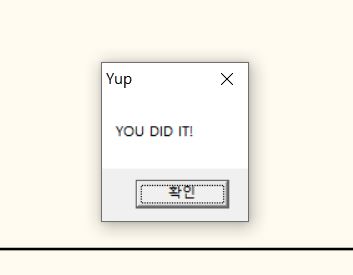
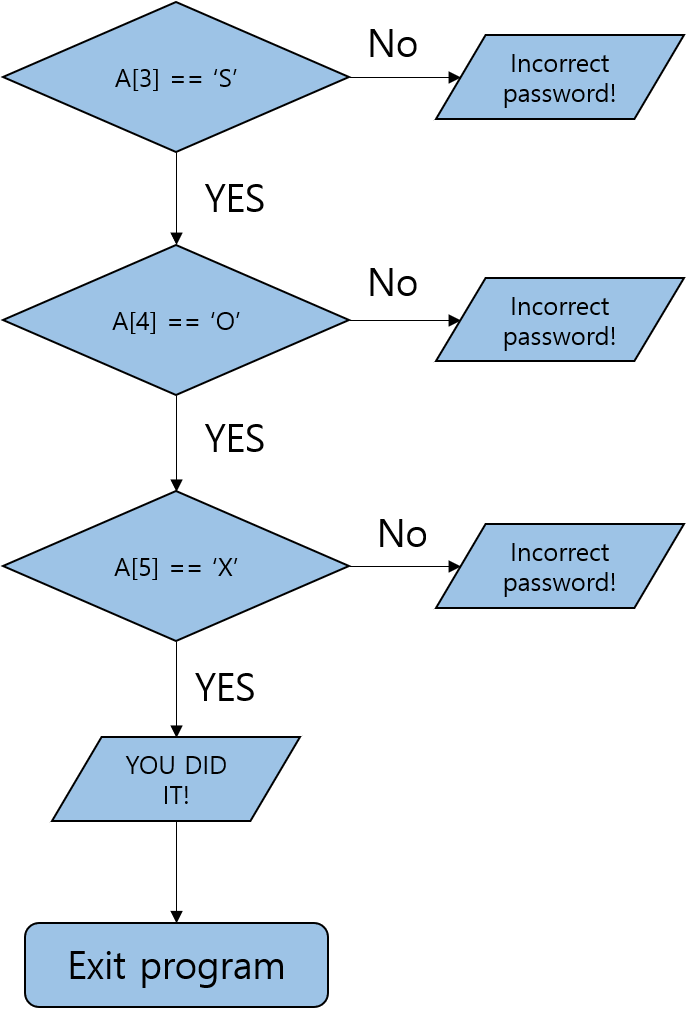
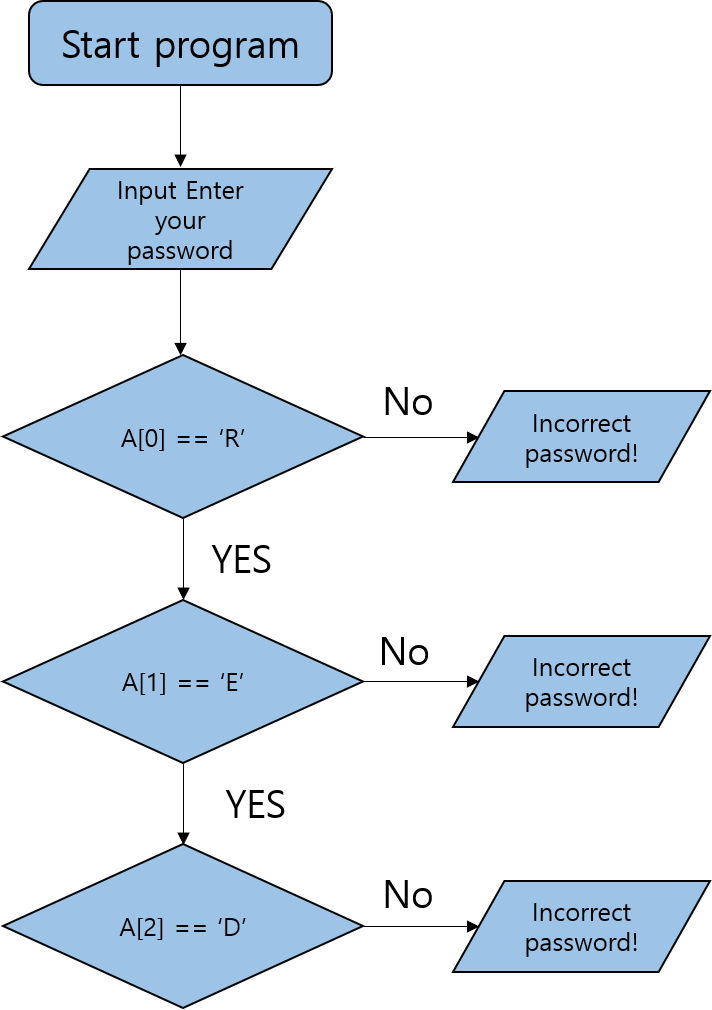


사진 14 – ‘YOU DID IT!’

**5.** **알고리즘**



**시작**

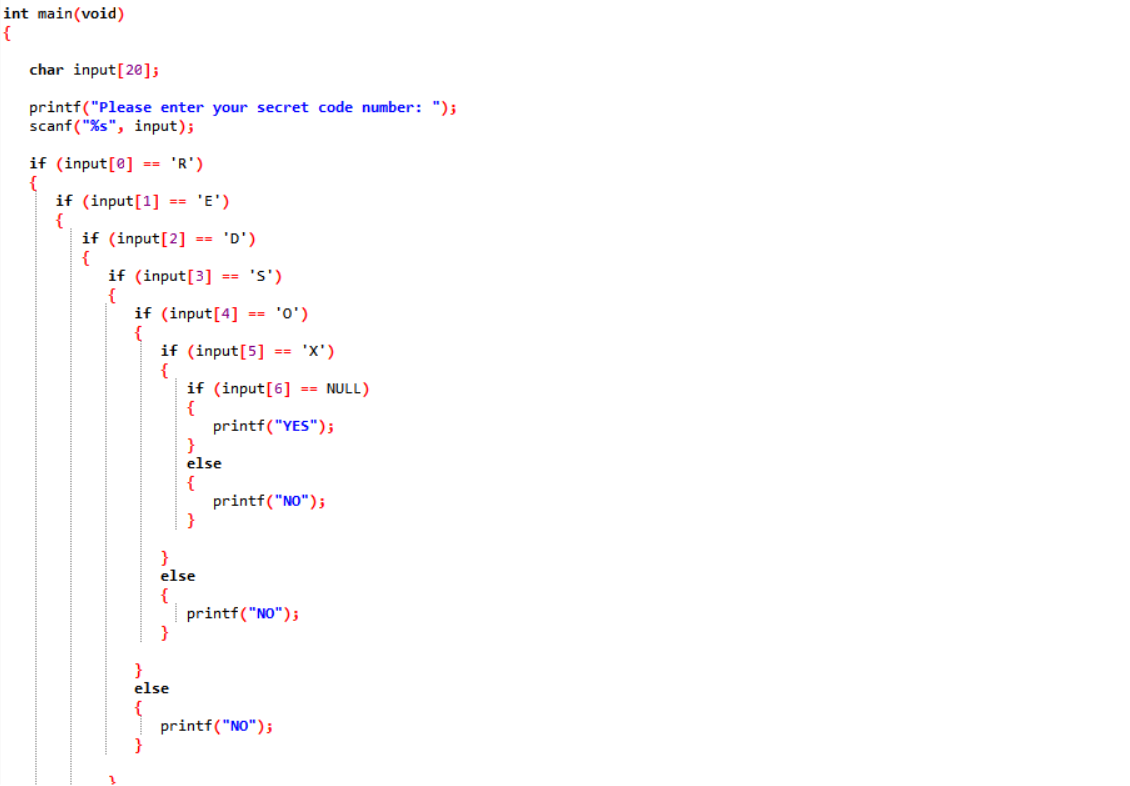
**끝**

**값 입력**

**반복문을 이용한**

**패스워드 비교**

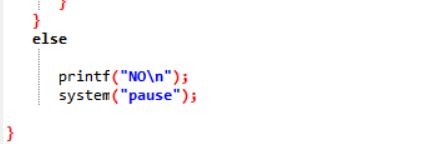
**6. 프로그램 소스 구현**



- 처음 char형 변수 **‘input’**를 선언 해준다.

- **scanf(“%s”, input);**를 통해 입력 값을 받는다.

- 받아온 값을 if문을 통해 비교를 한다.

- **if (input[0] == ’R’) ~ if (input[5] == ‘X’)**의 중첩 if문을 이용해서 내가 입력한 값과 비교를 한다. 아닐 경우, else에는 printf를 출력하게 했다.

- 첫번째, else 안으로 system(“pause”);를 사용하여 .exe를 실행 하였을 때 바로 종료하지 않고 임의의 값을 입력해야 종료 할 수 있게 작성했다.

# **분석 결과**

* 정적 분석(Tool - die)

: Crackme\_Mission.exe은 언 패킹 과 Microsoft Visual C/C++(6.0)로 만들어 진 적을 알 수 있다.

* 동적 분석(Tool – Olly dbg)

: 윈도우 폼을 통해 입력한 값을 **GetDlgItemTextA**를 통해 입력한 값을 Buffer에 저장하여 CMP에 있는 16진수 6개를 BYTE씩 비교하여 패스워드와 일치한지 비교한다. 결론으로 패스워드가 **‘REDSOX’**라는 것을 알 수 있다.

# **느낀 점**

* 남현우 : 프로젝트를 하면서 팀장의 역할이 조원들에게 얼마나 큰 영향을 주는지 뼈저리게 느끼게 되었고 고생한 조원들에게 박수를 보내고 싶다.
* 김기완 : 처음에 C#으로 구현 하려고 했으나 리버싱에서 막혀, C++로 해보았더니 비슷하게 되었다. 윈도우 창에서 프로그램을 만들어 보고싶었는데 API구현이 너무 어려워서 포기했는데 좀더 공부를 열심히 해야 겠다고 느끼는 시간 이였다.
* 김유진 : 처음에 전체적으로 프로그램이 어떻게 실행되는지 이해하기는 시간이 걸렸다. 그리고, 다른 언어도 가능 한다고 하기에 파이썬으로 만들어 exe를 만들어 봤지만 디버깅에는 실패를 했다. 그 부분에 대해서 좀 더 생각 해봐야 겠다고 느꼈다.
* 김정우 :
* 김태양 :

**6. 참고 자료**

스택 프레임 : <https://redscreen.tistory.com/10>

아스키 코드 : <https://ko.wikipedia.org/wiki/ASCII>

알고리즘 : <https://www.playsw.or.kr/online/termsData/90?focusMenuName=defaultMenu&serverDomain=www.playsw.or.kr&env=real&deviceType=normal&isSecureDomain=true&photoInfraServiceDomain=https%3A%2F%2Fcphinf.pstatic.net%2Fplaysw&mobileCheck=N&isPrivacy=false&snsLoginType=&ogDescription=&ogImage=&ogTitle=&ogUrl=>