Composition Traffic Project

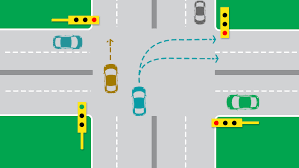
In our project, we will show the intersection point of four different two-lane roads as a composition class and simulate this traffic class with the data received from the user.

There will be four traffic lights and 4 roads with 2 lanes in the program. The number of lights can be increased if needed

**We will follow these steps in our Project**;

1. We will define the classes of our Project: These classes will be the sub-classes of the traffic class.(ex. Traffic lights, cars, lanes,
2. We will assign variables; Some variables will be fixed by the program(time, const speed, traffic lights(red, orange, green) and its times, and limits) We will ask the user for specific ones such as the number of cars.
3. We will create the program

In summary, while the program determines the fixed variables and the route, the user will choose how many vehicles will be on these roads and the program will calculate whether there will be traffic or how long the traffic will take.



Based on this drawing, we will create the variables and the program.

**Our first step is to identify constants and variables**

In order to write this program, we need fixed and variable values such as the length of the roads, the length of the vehicles, the constant speed of the vehicles, the traffic light variables.

Below is our composition tree that we plan to use in our program. Since we are going to write a program that calculates traffic, this program contains multiple items and we will use composition a lot in our project while classifying these items.

Elements of the traffic element; Roads and Vehicles

Road elements: road length, road width, road lanes. Traffic lights, traffic light times, traffic light colors

Our vehicle elements are: vehicle number, vehicle length and vehicle speed.

So far, we have planned to create the introduction part of the program, categorize the variables and classes we will use, and create the program.![metin içeren bir resim

Açıklama otomatik olarak oluşturuldu](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RD4RXhpZgAATU0AKgAAAAgABAE7AAIAAAAPAAAISodpAAQAAAABAAAIWpydAAEAAAAeAAAQ0uocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAEJhdHVoYW4gQmVrdGFzAAAABZADAAIAAAAUAAAQqJAEAAIAAAAUAAAQvJKRAAIAAAADOTYAAJKSAAIAAAADOTYAAOocAAcAAAgMAAAInAAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAADIwMjE6MDU6MjkgMTg6Mjg6MDAAMjAyMTowNToyOSAxODoyODowMAAAAEIAYQB0AHUAaABhAG4AIABCAGUAawB0AGEAcwAAAP/hCyFodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6ZGM9Imh0dHA6Ly9wdXJsLm9yZy9kYy9lbGVtZW50cy8xLjEvIi8+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRlRGF0ZT4yMDIxLTA1LTI5VDE4OjI4OjAwLjk1NzwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iPjxkYzpjcmVhdG9yPjxyZGY6U2VxIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpsaT5CYXR1aGFuIEJla3RhczwvcmRmOmxpPjwvcmRmOlNlcT4NCgkJCTwvZGM6Y3JlYXRvcj48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAcFBQYFBAcGBQYIBwcIChELCgkJChUPEAwRGBUaGRgVGBcbHichGx0lHRcYIi4iJSgpKywrGiAvMy8qMicqKyr/2wBDAQcICAoJChQLCxQqHBgcKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKir/wAARCAH8A88DASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwD520/TrzVb+Ky022kurqUkRwxLlmwMnA+gNb3/AArbxn/0LWpf9+DWp8FSR8YtBIOCJJcEf9cXr6S8Fa3ql9rLpd3lxJF5DMFklLc5FUkrXbMp1FGSi+p8kat4W13QrdZ9Y0q6somfy1eaMqC2CcfXAP5Vk19NftNRTr4K0+WWVnjl1KPy1L524hkB47ZNeIeG44NP8Iax4iFlb3t9aXNvawLdRLNFAJRIWlaNsq5+QKNwKjdnGcYWlrmiuzlKK6rTdV0q51SLWde+xCQzpbXGnW+nLGkkDoyvOoUCNHX5cAAfNhuoJq1JoSaT4N8XWt9BC99p+qWcCTmMbgp8/cVPUK2FPHXik9Ff+t1/mv6Q9/6/rt/Vzi6K9M1jwVp+okzwSSW81po2nyHTtMskmnlZ7UO8rR+Yh2ggFnAYjdkjHNQp8KYfJ0aKfxHaxahqUlmHtd0DNGlyVwVUTeazKHViDGi4zhiACXZ83L52/wAhXVr+V/6+885oruo/CumaZZXGvadqFzrX9l3mGtBpcbpiMoS1wpmLRxMxZQ21gQOcE7Re0rw5o8eteLo7siPSzov2+yuHthK8UUk0DIyKT9/a5TqOcgkDJpXVvlf8L/iVbW3nb8bfgeb0V6Lpfwsh1LxELEaxNHY3EVrLaag9rFGjfaBlFkEs6bX6/KhkY7SQDin3PgPRLrT/AAza6ffXMGpXmn3txdu9rmN2gM5JB8045iCDCjIwxwcrQ9Fd/wBWvf8AIS12PN6K9G8LeEtNTw5eahrF0nkX/h6a8Dm0Er2hS9SLKDPzOQpwcr9/BIGTVLV/DNrZ6Be2Fm63ctrFBrNpd/ZfKlmtJlVXVxkkFSYzjLAfOQeaJe7v/WrX6Ngtf69P80jhqK9akSyu9ZsvDNxpOlrp1x4YiuTPFp8Uc8EwsvO8/wA5FEjHcvIZiCCcjpjHk+F9pbafpj6h4q0+yu7sWsk0M81uBDHPgggef5hZVZSd0aLjPzYAJbWtv63a/QOl/K/4J/qee0V6pp3w9t5PD3im0ZbqBNPmsrmW/wBR05Yp4LfZO0jIiyPuUhVxtfD/ACnIHIpT+CPDuo6f4XGi6jeQyXljdXl7c3FkBmGF5i8m0TN84WPaEGA2ASwJNJ6f15X/AMxnnFFd1beANLu4H1GLxDMujjTJNQWeTTsT/u51heMxCQgNlsg7yDxkryQmr+GbWz0C9sLN1u5bWKDWbS7+y+VLNaTKqurjJIKkxnGWA+cg80PRX/r+tG/RCWr/AK/rqvvOGor2DxBplk/g+a2tbbR7mWPw7p91HZ2lgkN5byMsJe4eby1MincQVDuSZASowSINJ+Fui2ep2L65qF1PbXEF8ktr5EPnQTw23mYcRXLbcZJ2sVbcgVlAbIHo35X/AAv/AJAtUvP/ACueTUV2Nr4EivrjRxbao/k6rY3t7G8lqAyLbmbClQ5GWEPrxu7452fFHg/S7vT1utKu1h1Gz8PWF9Np8VltjkVkiRm8wMMyFpNxG0gg/ezkAen9ev8Akw62/rp/mea0V6S3wliF1pkZ1xoEuzdJci4t4jLaPBB5xVkinkxxwQxVwRytVP8AhF9Oj0w2enXB1FNa006jplzNZCGdJbd5BJCVDvgMqSdGIY7PSh6b/wBb/wCTBa/18jgaK7fTfAFlf6LpUza68epavZ3N1a2YsSyDyWkBV5N427hGcEK3OcgAAl7/AA/023VZLrX7hYoNHh1a/aPTwxhSYR+XHGDKPMYtKAc7AAM5J4A9G1/XX/Jgtf69P8zhaK9Et/h1cXUMllpWqW08F5daaLWWaxVHkW6EhRmY5aLbtO5FJB9TgUt74O0vTYbzRbDU7TV7i9tnubWWP7O80M1vlmQ+TNKArxl8DcCWVcqMCh6X/rZXYLX8Px2POqK9Hh8D+HtW07whFZajdWV3qWnXV1ezSWe9D5JmZiP3p5HlbAABkfMcH5apWPw/sL3wxc65/a15BBADOsc9pAsk9sJljMiR/aTIT8xP3dm5Svmd6rlfNy/1vYDhaK9r8W2nhrTrfxw+nRRR3GnXVtptqh0G22QIwk+UEudzMU5mI8wbR1ycch4n8F2mi3mq3fiHWGjA1GeytBp+lx/6RJGqs7GMSIkKfOg+XceTheKi/X+un+a/rUdjg6K67wX4Ih8UWN9f6hq8WlWVnJFCZHaAFpJNxAHnTRLgBGJ+Yt0wp5war4Hh03w6mrxawl3BNP8AY7fyoQRLcq5Eiht2PLVQrCTncJEwB822rO9v61FucjRXZeOPAVv4NgULr1rf3kdwba6to5IC0bgZJVUmd9oIIJkWM5x8vPHG1N7gFFFFMAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAoorpP+EX0j/oe/D/8A341D/wCRaAOboqzqFrDZX8lvbX9vqESY23NssgjfIB4Eiq3GccqOR3HNVqACiiigAorrfA+pX2kaX4uvtKvLixu4tFTy7i2laORM39oDhlIIyCR9DWl4T8a+KtX1S+sdV8S6xfWkui6p5lvc38skb4sJyMqzEHBAP1FAHAUUUUAFFFFABRXcfD1f7ajvPD2sW6v4fZTdXV62FOlsBj7Qrn8FKfx8Ac4IPiEv9ix2fh7R7dU8PqourW9XDHVGIx9oZx+KhP4OQeckgHD0UUUAavhnxDeeFPEdpremLC91aMWjWdNyHKlTkZGeCa9Dh/aL8WwPvg03QI2xjK2LA/8AodeWfZ39Vo+zv6rQB2njn4t+IfiBpNvp2uRWKQW83np9mhZDu2lecseMMa5jRfEGpeH7iWXSrhY/PjMU0UkSTRTIf4XjcFHGecMDggHqKpfZ39Vo+zv6rQBpaj4o1bVLOa0u54hazSxzNBBaxQxhkVlXaqKAoAduFwCSSRnmrUPjjWradpbd7ZTLaRWdwktrHPHcpHjYZI5QyMwCqA2M8euScP7O/qtH2d/VaANqPxvr0d/fX/2mB72+JMt1LZQSTLlSv7t2QtFhTgbCuABjGBTo/Hevxw6en2m2d9NMRtLiSwt3nhEbbo1EzIZNqkcKWxjjGOKw/s7+q0fZ39VoA0ofFGqW+mXdjA9skd7u8+VbKHz3DEFl87Z5gU4+6GA6jHJq1p/jfWdKtoIrB7ZPKtXsmaS1jm82BpBIY3WQMrKGGRx3I5HFYf2d/VaPs7+q0AdFa/EXxPZ6hPeQX8XnTyRSnfZQOsbxLtjaNWQrGVU4GwLgcdKrweN9ft1sBFeRA6fI8ls7WkLOm8sXUsUyyEu2UJKnJ4rF+zv6rR9nf1WgDo/+Fj+JhcLKLu1AW0ayEI062EIgaQSGPyvL2bSwzjHt04qgPFeqN4ifWrp4rm5kiMMiSRBYniMfl+XsXAC7OAFxgAYxisv7O/qtH2d/VaANq78b6/faUunT3UKwi3S0Lw2cMUzwoAFjeVEDugCr8rMQcDPShvGutSWNpaXLWF1HZqiQPd6ZbTyKiHKp5jxlyo6bSSMcYxxWL9nf1Wj7O/qtAG9/wn/iUXLTRaisDM8LbILaKJF8kMIwqKoVVAd8qAA245BzTI/HOvw/YjDdQRGwlkktjHZQKYvMLF0GE/1Z3tmM/JyflrE+zv6rR9nf1WgDr9G+Il7aT6tdaiY5bi40k6fZxxWMAt4f3ySbTDtEYQhXyApyW5ByTWIPFeqN4ifWrp4rm5kiMMiSRBYniMfl+XsXAC7OAFxgAYxisv7O/qtH2d/VaP6/r7w/r+vuNy58d+IbrS0sJLyJIkgit98FpDFM8UYARGlRBI6javDMRwD2qxP8SfFNxeW91JfwCW3llmTZYW6KzyrskZ1CAOWXhtwOe9c39nf1Wj7O/qtG4G/Z+P8AxFYWbWtpdW0UREyriwty0SzZ8xEYpuRDuPyqQozwBVM+LNb8yV/txDzWMenuwjQEwR7NidOMeWnzDnjr1rM+zv6rR9nf1WgDorv4jeKL2aOWa/hDxtM4MVlBFlpkMcrMFQbmZTgscnvnPNZkHiTVLebSJEuAToxzZAouIx5hkIOB8wLMTznrjpVD7O/qtH2d/VaNncHqrHYaj8Q7p/C2l6To6R2Xk2tzBdYtIjt86aRysMjBpEUo4UgFc4wc1i2/jHXLbUVvo7xGmFmliVlt4pI5IFUKsbxspRwAq/eB5APUZrJ+zv6rR9nf1Wj+vz/zYHWXHjZ/+EelMN/eya7e31tdTz+RHBHai3V1iWHYx/vjGFQLsAAIrLuvGOr3muWmrzmyW9tJvPSS30+C33vuDZfykXfyP4s9T6msf7O/qtH2d/VaOt/67foG6sba+N9biigitZbe3itfPFskdpETAkwcSRq7KX2ESP8AKWIGc9eaanjXXo/D50VbuP7EYPsxBtYjIYt/meX5u3ft3c7d2Aaxvs7+q0fZ39VoDrc0b7xTrGo/2l9tvPM/tS4S6vP3SDzZE3bW4HGN7cDA5q2/jrX5jqH2q6t7oalMbi4S6sYJl80ggyIroRG2DjKBTwPQVh/Z39Vo+zv6rR0t/X9aL7gNy28deILZpNt3DNHLbQ2skNzZwzxPHCAIgY5EKkqBw2N3Xnk1Be+LtZv7GSyubiH7JIiJ9njtIo40COzqUVVAQ7pHOVwTvYE4JrK+zv6rR9nf1WgNjU1vxXq3iKNF1iS1uJFIJuBYwJPIQu0F5lQO/H95jnr1rGqX7O/qtH2d/VaAIqKl+zv6rR9nf1WgCKipfs7+q0fZ39VoAioqX7O/qtH2d/VaAIqKl+zv6rR9nf1WgCKipfs7+q0fZ39VoAioqX7O/qtH2d/VaAIqKl+zv6rR9nf1WgCKipfs7+q0fZ39VoAioqX7O/qtH2d/VaAIqKl+zv6rR9nf1WgCKipfs7+q0fZ39VoAioqX7O/qtH2d/VaAIqKl+zv6rR9nf1WgCKipfs7+q0fZ39VoAioqX7O/qtH2d/VaAIqKl+zv6rR9nf1WgCKipfs7+q0fZ39VoAioqX7O/qtH2d/VaAIqKl+zv6rR9nf1WgCKipfs7+q0fZ39VoAioqX7O/qtH2d/VaAIqKl+zv6rR9nf1WgCKipfs7+q0fZ39VoAioqX7O/qtH2d/VaAIqKl+zv6rR9nf1WgCKipfs7+q0fZ39VoAioqX7O/qtH2d/VaAIqKl+zv6rR9nf1WgCKipfs7+q0fZ39VoAioqX7O/qtH2d/VaAIqKl+zv6rR9nf1WgCKipfs7+q0fZ39VoAioqX7O/qtH2d/VaAIqKl+zv6rR9nf1WgCKipfs7+q0fZ39VoAioqX7O/qtH2d/VaAIqKl+zv6rR9nf1WgC7ouv6h4fmuZNNa3/wBKh8ieO5tIrmORN6vgpKrL95FOcZyK0j491vyZ44o9Ht/PhkgeS20Kyhk2SIUcB0hDLlWYZBBwawPs7+q0fZ39VoAioqX7O/qtH2d/VaAIqKl+zv6rR9nf1WgCwusX6aG+jpcslhJOLiSBQAHkAwCx6nA6AnAycdTQ2sX76Gmjvcs9hHObiOBgCEkIwSp6jI6gHBwM9BVf7O/qtKtq7MACv50AQ0Va+wS/3k/M0fYJf7yfmaAO08Va/oOp/wBl/wBjWf2L7OE84+QJdwH++eMf88xlDnrxR4q1/QdT/sv+xrP7F9nCecfIEu4D/fPGP+eYyhz14rjqKP8AO4f5WOx8Va/oOp/2X/Y1n9i+zhPOPkCXcB/vnjH/ADzGUOevFHirX9B1P+y/7Gs/sX2cJ5x8gS7gP988Y/55jKHPXiuOoo/zuH+VjsfFWv6Dqf8AZf8AY1n9i+zhPOPkCXcB/vnjH/PMZQ568UeKtf0HU/7L/saz+xfZwnnHyBLuA/3zxj/nmMoc9eK46ij/ADuH+VjsfFWv6Dqf9l/2NZ/Yvs4Tzj5Al3Af754x/wA8xlDnrxR4q1/QdT/sv+xrP7F9nCecfIEu4D/fPGP+eYyhz14rjqKP87h/lY7HxVr+g6n/AGX/AGNZ/Yvs4Tzj5Al3Af754x/zzGUOevFHirX9B1P+y/7Gs/sX2cJ5x8gS7gP988Y/55jKHPXiuOoo/wA7h/lY7HxVr+g6n/Zf9jWf2L7OE84+QJdwH++eMf8APMZQ568UeKtf0HU/7L/saz+xfZwnnHyBLuA/3zxj/nmMoc9eK46ij/O4f5WOx8Va/oOp/wBl/wBjWf2L7OE84+QJdwH++eMf88xlDnrxR4q1/QdT/sv+xrP7F9nCecfIEu4D/fPGP+eYyhz14rjqKP8AO4f5WOx8Va/oOp/2X/Y1n9i+zhPOPkCXcB/vnjH/ADzGUOevFHirX9B1P+y/7Gs/sX2cJ5x8gS7gP988Y/55jKHPXiuOoo/zuH+VjsfFWv6Dqf8AZf8AY1n9i+zhPOPkCXcB/vnjH/PMZQ568UeKtf0HU/7L/saz+xfZwnnHyBLuA/3zxj/nmMoc9eK46ij/ADuH+VjsfFWv6Dqf9l/2NZ/Yvs4Tzj5Al3Af754x/wA8xlDnrxR4q1/QdT/sv+xrP7F9nCecfIEu4D/fPGP+eYyhz14rjqKP87h/lY7HxVr+g6n/AGX/AGNZ/Yvs4Tzj5Al3Af754x/zzGUOevFHirX9B1P+y/7Gs/sX2cJ5x8gS7gP988Y/55jKHPXiuOoo/wA7h/lY7HxVr+g6n/Zf9jWf2L7OE84+QJdwH++eMf8APMZQ568UeKtf0HU/7L/saz+xfZwnnHyBLuA/3zxj/nmMoc9eK46ij/O4f5WOx8Va/oOp/wBl/wBjWf2L7OE84+QJdwH++eMf88xlDnrxR4q1/QdT/sv+xrP7F9nCecfIEu4D/fPGP+eYyhz14rjqKP8AO4f5WOx8Va/oOp/2X/Y1n9i+zhPOPkCXcB/vnjH/ADzGUOevFHirX9B1P+y/7Gs/sX2cJ5x8gS7gP988Y/55jKHPXiuOoo/zuH+VjsfFWv6Dqf8AZf8AY1n9i+zhPOPkCXcB/vnjH/PMZQ568UeKtf0HU/7L/saz+xfZwnnHyBLuA/3zxj/nmMoc9eK46ij/ADuH+VjsfFWv6Dqf9l/2NZ/Yvs4Tzj5Al3Af754x/wA8xlDnrxR4q1/QdT/sv+xrP7F9nCecfIEu4D/fPGP+eYyhz14rjqKP87h/lY7HxVr+g6n/AGX/AGNZ/Yvs4Tzj5Al3Af754x/zzGUOevFHirX9B1P+y/7Gs/sX2cJ5x8gS7gP988Y/55jKHPXiuOoo/wA7h/lY9JXVvDviDxV4ctNM0yONNywzxSxh1kyCBktyuM/cGV54PAqpY+GItJ0t5b0QXZumsgC0QPku0uXjye+0DPqGribG9uNNv4L2yk8q4t5FkicAHawOQcHg/jWjJ4r1qW3mgkvd0c179vdfKTmf+/04+g49qcbJ387/ANf12E02reVjb8WGL/hJvskd3os8Eeosi21hpwgeJQ+Art5KbuOPvN/Wq76RZ33xck0h0SCzl1hoCkeECp5pG0Y6ccCsjUfEeoarMs159j85ZfO82Gxghdn65ZkQFueec07UvE2p6rKJrtrVZxL53n29jDBKX67i8aKxOeeT15qY6Wv0/wCB/kOWt7df+D/mbemXMPiTxlZ6RqGmWFrZNdgCG3tVhkRVz+78xQHbOMZYsc89a0/C32fxVOZtT0zTohZalbGMW9nHEpSRyGicKo3jCgjdk8Hnk1yd74r1i/dZJ7mNZllWYzwW8cMruvRmkRQzEHnLE889alk8Z67JcQzC6iiaGYzqILSKJWkIwXZUUB2xnlgTyfWmrpf15A7Ns6o2ehTaTO2nw2Upm1C0uyVRWaFJWYG3z2C45HuM1h+O3RNWubaC90aWKK8lVLfT9OFvJCAxADt5KbsdPvNyPxrn7LVb3T4ZYrOby0meN3GxTko25TyOxqfVtfvtaO7UBZly5kaSGxhhd2PUs0aAt+JNJ7K39bf5At2/66/5lCCZra4jmjCF42DASRq6kj1VgQR7EYr0Pz473xf4RsZ7DTBbXkdpNcJHpsEfmMxO7JVAcH+709q84rRTXdRTULG+W4xcaeiJbPsX92E+6MYwce+art6ia39DqdP0TTYdFu5EvdO1R/7Vso8wQy5iUmTKkyRrw2BwM5289qo+O3RNWubaC90aWKK8lVLfT9OFvJCAxADt5KbsdPvNyPxrAttXvbOCSG2n2RyzRzuNinLpnaeR23HjpzU2ra/fa0d2oCzLlzI0kNjDC7sepZo0Bb8Sal6/15L/ACZTfvN/11KEEzW1xHNGELxsGAkjV1JHqrAgj2IxXeXtyt14k8KWUljpqwXcdnNOsWnQRmRmfDZKoDg/3c49q8/q+dZvze2V2Z/39gsaWz7F/dhDlRjGDg+uatNJq/clrf0O48U6RHew2lpaw2Fxd3msy29rc6bZrBHEgIUwyYRMuCQeVPHIY5pfFXh5Yb3SrxdEfTraLUjpxSW08kTxqymOQggbiw3ZPfHNcfa+KtZsmlNtebTLc/a2zEjYmwRvGR8p+Y9MfoKq2msX1jay29rPsilljmdSitl0JKtyOCMnp1zzUw0tfy/T/g/eOWt7f1v/AMD7jqvEnkt4wjs1utFuLdNUMYtbHTRA8SiTG128lNwxx95v61W8bTLb61PFbXmiTJb3snl29lpiwtCFY4VyYUDgdMZYHHfrXMyX9zLqjai8mbppjOZNo5ctuzjp17dKSa9nuNRe+nZZLiSUzOzIpDMTkkrjGM9sYpJOyX9dP8hvdv8ArqdveRQ634m8KaVc29jbW1/DayXBtrKG3Z2ckN8yKDz6dM9q5nW9ae+kmtW03T7OKOX90kFokTwgZG0uAGfjrvLHjPWm6l4n1TVhb/a5LZWtdvkPb2cMDxhfugNGinA7DOBTdU8S6nrETJqEsL72DyPHaxRvKw7u6KGc/wC8T60P9X/XyEv0X9fMp6fJaxanbSajE01osymeJDhnTI3AH1IzXT+JVlnsxq2kz6Td6TFdBU+y6bFbyW7EblSZNgLcZHV1O08k1ycEzW1xHNGELxsGAkjV1JHqrAgj2IxWjeeI9RvoooZmtUhilEoht7KGGNnHRmRECuccfMDwSO5p9A6nXyvHf+LfCVpPY6atvcQ2tzOkWnwxCRjndu2ICQcfd6e1aeiaf4fvJoha21jcrcarZ3TDy1cxJMzA259AuOR7jNcNP4y1q4ubS4aW1Sazx5EkNhBGyAAgLlUGVAJ+U8e1Ztlq19p0MsVjcvAszRu5TAbcjbkIbqCDzwRR1+f6iadreRuaPaW0vh3VJJbeJ5I9Ss0R2QEqrGXcAewOBkd8Cq+taWbv4i32ladCkfm6m9vDHGuFXMhUAAdAKrah4n1XUwguZoVVZvP2wW0UKvJ/fYIoDN7tk8n1NTT+MdYuL9L13s0u0lMwuItOt45C5ByxZUBPUnnvz1FHVP8Arp/kVLVu3X/g/wCZ0fjnR30yG01W10U6bHaXkliq3FiEWdUw0UrKy4fcN2SQc45zUsqwax4m8MaVeWlhFaXtrb3FwLaxhgeVyGJG9EDDdjGAcc1wkWpXcOm3NhHLi2unR5YyoO5lztOSMgjJ6etOl1a+muLSd7lxNZxpHbyJhGjVPu4IxyPXrQul+/6a/iJ+Xb9f8js9AeHxPmfUdM0+L7HqlmIhbWccKlJZdrRMFA3jAyN2TweeTT/GUNna6fBM0enyudWlWK703T0jjhiTAaGRNqB3BwcMMY/iIJrmLnxdrV3LBJJcxRmC4F0ggtYoVMw/5aMqKA7cdWz39TVOXW9Qmsrq0luN8F3cC6mQovMvPzDj5TyemM0dF/Xb/J/02HX+vP8AzOi8Va/oOp/2X/Y1n9i+zhPOPkCXcB/vnjH/ADzGUOevFHirX9B1P+y/7Gs/sX2cJ5x8gS7gP988Y/55jKHPXiuOoo/zuH+VjsfFWv6Dqf8AZf8AY1n9i+zhPOPkCXcB/vnjH/PMZQ568UeKtf0HU/7L/saz+xfZwnnHyBLuA/3zxj/nmMoc9eK46ij/ADuH+VjsfFWv6Dqf9l/2NZ/Yvs4Tzj5Al3Af754x/wA8xlDnrxR4q1/QdT/sv+xrP7F9nCecfIEu4D/fPGP+eYyhz14rjqKP87h/lY7HxVr+g6n/AGX/AGNZ/Yvs4Tzj5Al3Af754x/zzGUOevFHirX9B1P+y/7Gs/sX2cJ5x8gS7gP988Y/55jKHPXiuOoo/wA7h/lY7HxVr+g6n/Zf9jWf2L7OE84+QJdwH++eMf8APMZQ568UeKtf0HU/7L/saz+xfZwnnHyBLuA/3zxj/nmMoc9eK46ij/O4f5WOx8Va/oOp/wBl/wBjWf2L7OE84+QJdwH++eMf88xlDnrxR4q1/QdT/sv+xrP7F9nCecfIEu4D/fPGP+eYyhz14rjqKP8AO4f5WOx8Va/oOp/2X/Y1n9i+zhPOPkCXcB/vnjH/ADzGUOevFHirX9B1P+y/7Gs/sX2cJ5x8gS7gP988Y/55jKHPXiuOoo/zuH+VjsfFWv6Dqf8AZf8AY1n9i+zhPOPkCXcB/vnjH/PMZQ568UeKtf0HU/7L/saz+xfZwnnHyBLuA/3zxj/nmMoc9eK46ij/ADuH+VjsfFWv6Dqf9l/2NZ/Yvs4Tzj5Al3Af754x/wA8xlDnrxR4q1/QdT/sv+xrP7F9nCecfIEu4D/fPGP+eYyhz14rjqKP87h/lY7HxVr+g6n/AGX/AGNZ/Yvs4Tzj5Al3Af754x/zzGUOevFHirX9B1P+y/7Gs/sX2cJ5x8gS7gP988Y/55jKHPXiuOoo/wA7h/lY7HxVr+g6n/Zf9jWf2L7OE84+QJdwH++eMf8APMZQ568UeKtf0HU/7L/saz+xfZwnnHyBLuA/3zxj/nmMoc9eK46ij/O4f5WOx8Va/oOp/wBl/wBjWf2L7OE84+QJdwH++eMf88xlDnrxR4q1/QdT/sv+xrP7F9nCecfIEu4D/fPGP+eYyhz14rjqKP8AO4f5WOx8Va/oOp/2X/Y1n9i+zhPOPkCXcB/vnjH/ADzGUOevFHirX9B1P+y/7Gs/sX2cJ5x8gS7gP988Y/55jKHPXiuOoo/zuH+VjsfFWv6Dqf8AZf8AY1n9i+zhPOPkCXcB/vnjH/PMZQ568UeKtf0HU/7L/saz+xfZwnnHyBLuA/3zxj/nmMoc9eK46ij/ADuH+VjsfFWv6Dqf9l/2NZ/Yvs4Tzj5Al3Af754x/wA8xlDnrxR4q1/QdT/sv+xrP7F9nCecfIEu4D/fPGP+eYyhz14rjqKP87h/lY7HxVr+g6n/AGX/AGNZ/Yvs4Tzj5Al3Af754x/zzGUOevFHirX9B1P+y/7Gs/sX2cJ5x8gS7gP988Y/55jKHPXiuOoo/wA7h/lY7HxVr+g6n/Zf9jWf2L7OE84+QJdwH++eMf8APMZQ568UeKtf0HU/7L/saz+xfZwnnHyBLuA/3zxj/nmMoc9eK46ij/O4f5WOt8Za7oer2tgmh2X2RoY1WUbN2/rj5jyuP7gyvPXgVyVFFLqw6WCiiimAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABUkP8ArRUdTWyNLdRxoMsx2qPUmgDb0rSY7yF7m9ultbVW8pZCRlpCOBj0GQT7fiRSvbOWwvJLW4AEkZwdpyD3B/KrR0bUygQwnaCSF8xcAnGT19h+VR3Om38MRmuYztUAFi4OBwAOv0FAHS66loLZrfVItG/tD+1VFmumrb5FvkhxJ5Hy4zswH+bO7tmsLVLaCP4mXVrHBGtuurNGIVQBAvm4246YxxisNrmZrw3TPmYyeYWwPvZznHTrWlqHijU9TuFnuzZ+eswn86KwgikZ85yWRAW55wSQaIe7yt9P+B/kEteZLr/wf8zd8U2jaj4p/sjT7vRpzJqLwQ2+n6cLeSHL7QHYQpux0+83TPvWh4w0W2sJdO1O70Gey021v2sZojbG3a5hQhkfoMsy7xu68da5Wbxdq8+oRXzPZx3cUplWeHT7eJy5zliVQFjyTznnnrVKz1i9sLWW2t5EME0qSyRSwpKrMmdpIYEdz9c4OaUbpL+u3/BG9W/67/8AAOr1O2Oo3Vlf2EulXui/2jHFi10+O2lgLEFY5VCKxyMjOXU7TzmqXjt0TVrm2gvdGliivJVS30/ThbyQgMQA7eSm7HT7zcj8aybrxNqd2kKNJbwxwSiZI7W0igQyDoxWNVDEdiQcc+ppmra/fa0d2oCzLlzI0kNjDC7sepZo0Bb8SaGtEv66CW9/66kGkIsmtWKSKro1xGGVhkEFhwRXd3EdtP8AE3T9PefQ7u0GseWbOz0wQmNBJjbIfJQOMcY3MP5155DNJb3Ec0LbZI2Do2M4IORWtP4t1a41GC/ZrOO7gn+0JPDp8ETmTOdzFUG7nn5siq7eX/AJadn5/wDBOi1Cztbbw7qWuWFnbBLi6tJ7bdbq6wk+cJYwGBG0Oh+XoQFzUeuXfn6n4ctTZadHDdW9rPMINOgiLuzHdllQHB9M49q5f+29Q/sOTSPtH+gyT/aGi2LzJjGd2Mj6ZxUcuq3s9xaTyzbpLONI4G2KNipyo6c496FZNdrr8ip63t2Z2mqpby/EGysPtOiXVsusCP7JZaaIWjTzcbZD5KBxjjG5h/Om+O7a1h0VXEWnzyvqc6QXWm2a28cUScGGTCJlwcHlTxyGOa5m78U6pe30N5MbNbqGcXCzQ2EETmTOdzFEBbnnByKrS63qE1ldWktxvgu7gXUyFF5l5+YcfKeT0xmos+VL+un+THf3m/66lSCZra4jmjCF42DASRq6kj1VgQR7EYr0Pz473xf4RsZ7DTBbXkdpNcJHpsEfmMxO7JVAcH+709q84rRTXdRTULG+W4xcaeiJbPsX92E+6MYwce+avt6ktb+h1On6JpsOi3ciXunao/8AatlHmCGXMSkyZUmSNeGwOBnO3ntVHx26Jq1zbQXujSxRXkqpb6fpwt5IQGIAdvJTdjp95uR+NYFtq97ZwSQ20+yOWaOdxsU5dM7TyO248dOam1bX77Wju1AWZcuZGkhsYYXdj1LNGgLfiTUvX+vJf5Mpv3m/66ljwZBDdeN9GguYo5oZL2JXjkUMrgsMgg8EV2+iaNpl1epfrp9s9pqGqWDxo0IKx7mlWaIAjhd6kY6Eba81sb6403UIL2yk8q4t5BJE+0HawOQcHg/jVuDxFq1tpf8AZ9vePFbC5F2FQAMso6MGxuGPY4qtLW/rdE20fn/wTp/A2nWd6J/tdrbzbNXslHmxhsITKWXp0O0ZHQ4Fa1jY6DcxL9it7GcT6rZXTYjVzEkzkG39guDke4zXGSeMtckuYZxdQwvDMZ18i0hiVpCMb2VFAdsE8sCeT61R07Wb/SVcafP5QeSORvkVstG25DyD0PPv3oi9bvy/T/Ic9b26/wDBO21m2tLmK2ZU0q9aHXBA8+n2Yt1hjbpDIuxN5O0nO0gbT83OKi1VLeX4g2Vh9p0S6tl1gR/ZLLTRC0aebjbIfJQOMcY3MP51y974p1a/MXnTQxiOb7QFt7WKBWk7OyooDH3bPU+pou/FOqXt9DeTGzW6hnFws0NhBE5kzncxRAW55wcilHTlv0/4H+TCWt7f1v8A5nTeO7a1h0VXEWnzyvqc6QXWm2a28cUScGGTCJlwcHlTxyGOa5rwlp1tq3i7TbG+Ba3mmAkUMRvA525HTOMfjVWXW9Qmsrq0luN8F3cC6mQovMvPzDj5TyemM1UgnltriOe3keKaJg6SIxVkYHIII6GlBW38hy12Oz0+WLxJp1zc32nWEDWWoWvk/ZbOOEbZXKtE20DeMAEbsng88mqnjt0TVrm2gvdGliivJVS30/ThbyQgMQA7eSm7HT7zcj8ay77xVq+oeV9ouIlWKf7QFgtooVaX++wRQGb3bJ6+prNurma9vJrq5ffNPI0kjYA3MxyTgcdTQ9bf12/yF1f9dy1oN5bWHiCxur+3jubWOZTPDKgdXTOGGD7Z/Gutn0C38N+bZXlvDPLea0lvbPKgY/Z4yGZlJ6B/MjHuARXBVqX3iPVtTmsJb68aZ9PjSK2JRR5ar93oOT7nJPerTSa/rt/l+LJabT/r+t/wR2dxFbXHxM0/T3uNDu7Qax5ZtLPTBC0aeZjbIfJQOMcY3MP51kNpdjp/g/Vru2v9N1KeK+tQjQwSEwj96SD5sajBwOBkHbz2rJn8W6tcajBfs1nHdwT/AGhJ4dPgicyZzuYqg3c8/NkVRg1S7trWa2ikXyZ5UmkjaNWDumdpOQePmPHQ55zUJWjb+un+Rbau/wCu52d5FDrfibwppVzb2NtbX8NrJcG2sobdnZyQ3zIoPPp0z2rBvNYbUdVSzl0zT7WBbpRHFDZpG0ShsbS4AZ+ODvLHv1qrqXifVNWFv9rktla12+Q9vZwwPGF+6A0aKcDsM4FLf+KNW1PBvJoS/mCVpI7WKN5HHQuyqC5/3iapO0r+d/x/QlpuLXl/X3lrVLaCP4mXVrHBGtuurNGIVQBAvm4246YxxitPxVNY2/ijyrqfSbzT7fUWElnplgLaVIlfBRnEMeeOOGbnn3rC1DxRqep3Cz3Zs/PWYT+dFYQRSM+c5LIgLc84JINJfeJdQ1K5S4vEsGlSXzt66bboXbuX2oN4Po2QamN0ort/wCpatvv/AME1/FUL3mnnUtMn0u70dbnYps7CO1mt2YZVJQEVjxkZy6kqec1ykchilSRQpZGDAMoYceoPBHsa0NQ8QahqdqttcNbx26v5nk2trFbozYxuKxqoY44BOcZPrWfHIYpUkUKWRgwDKGHHqDwR7GmtBPVHoRkivvGXg+znsNNFvdR2k88cWnwRiVmJDbtqDIP93p7VS1fTbL/hFdW1a0tYUiu7i0lgKx48gnzhLGp7AOp4HYLWJceMdZubqyuXltUnsWVraSGwgiaPb90ZVBlR/dPHtVL+29Q/sOTSPtH+gyT/AGhoti8yYxndjI+mcUPVP1/Ua037Ij0hFk1qxSRVdGuIwysMggsOCK6nxTaNqPin+yNPu9GnMmovBDb6fpwt5IcvtAdhCm7HT7zdM+9cdDNJb3Ec0LbZI2Do2M4IORWvN4u1efUIr5ns47uKUyrPDp9vE5c5yxKoCx5J5zzz1p6af12J11/rudtrPhCG817QxLpEulWTaodLffbG3M8QIMcnQZZl3Dd1yBWFo+prrHjvTNOu9I0yG0/tGNFgSyjQoobGxmA3OMcHeWz9a5i21a+s7Oa1tbho4ZpElcADO9CSrA9VIyeQRWhL4y1ya7humuYVuYplnE0dpCjvIvRnZUBkPf5s0lpa/wDW3/BB6ppf1v8A8D7jRn0ewtPBWsTwX+n6jMt7bKr28UoaAES5GZI1wDgfdz93ntWL4aijn8WaTDPGskUl7Cro65VgXAIIPUVVTUbqOwuLJJcW9zIkkqbR8zLu2nOMjG5unrUdpdTWN5Dd2r7J4JFkjbAO1gcg4PHUU4u0rvy/Qc/evY9QvdF0zUNU0y1vYbC4S41qaNJ9MtRbIsKDm3cqiEuTtwSp45DHNc9aQv4z0e9U6dZW91De28do1naJBjznKmNtgG4DAILZYbTzya51fEWqpFNGl46LNdC8YqoBEwzh1IGVPJ+7j9KtS+M9dlnhm+1RRNDMZ1EFpDEplIx5jKigM2OjHJHapjolfy/T+v8Ah2OWu39b/wBf0jur7w1EPFPh64fQTZWaat/ZrRXFl5S3MasDHIwIAfcN2Sc5xzXLXEket+DdVvby0s4brTbqFYJ7W1jt96ybg0ZWMKrY2hgSMjB7GsPS/EGp6MpGnXPlAzRzkGNX/eRklG+YHkZP1zzS6l4g1HVbdLe7liW3RzIILa3jgj3kY3lI1UFscbiM44o1tb+un/BDS/8AXn/wPuMyiiimIKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACrelf8he1/66r/ADqpVrTGCapbMxCqJVJJPAGaAPQaz9c/5A0//Af/AEIVY+32f/P1B/38FUtYu7aXSZkiuInY7cKrgk/MKANbX9Dt9UksLCP+zzNfa1JbwX2nWSwx28QIUxSAKm5wSCAR06Mc1zUmi6TqemTXOgRajE9teRW0kVxIkzTCTcFZAqphsoflOc5HPBrKHiHVBDPEt2yrPdC8faoBEwzh1OMqeT93H6VPeeLNZvWhaS6SIwz/AGlfstvHADL/AM9CI1Xc3ucnr60oqyV/L9P+D+Y5O97f1v8A8A6S68B2s0NmtiZLS4l1SPT5Ek1C3vPvg/OfJx5ZG05Rs57Hg1Vv/wCyx8PL5NGt7yOJNXhRpLqdZPNxHLggKi7fpluvWse88Xa1ewrFJdRxRpcLdKttbRQATDOJP3aj5uevU8Z6Cman4q1jWLI2d9cxm2abzzDFbxxKZORvwij5juOT34znAo1s1/XT/J/1sKyaf9df80L4S0621bxdptjfAtbzTASKGI3gc7cjpnGPxrodLjh8ZWc41GxtLPydRtY4pLC1jtyqTSFGjJVfmwBkFskbTzya4mCeW2uI57eR4pomDpIjFWRgcggjoa17nxdrV3LBJJcxRmC4F0ggtYoVMw/5aMqKA7cdWz39TVK2lyXfWxsv4U0rUmji0OS8gddXj0x5LyRHD792JAqqNuCp+XLdRzVfxL4c0vTdLe5sLhY54bryTA+qW108yEHEgEXKYK4KnP3hzwawRrOoCCSJbllWW5W7baAD5q5wwIGQRuPSpdU1++1lf9PFoW3mRpIbGGF3Y9SzogZuvcnnmp1t/Xl/wfvK0v8A15/8D7jMq5qH9m4tf7K+1Z8hftP2nb/rud2zb/B0xnmqdXNQ1W91QWov5vNFpAttD8irsjXOF4Az1PJ5piK0chilSRQpZGDAMoYceoPBHsa6vxCkN14RtL5G028uEvGjmutOtBarEGQFYmQIm45DndtwMY3HoOUilaGZJUClkYMA6BlJHqDkEex4q/qOv6hqlsltcvClvG5kEFtbR28e7GNxWNVBbHGSM4oe1gW9zNooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACpIf9aKjqSH/AFooAs0UUUAd/r+h2+qSWFhH/Z5mvtakt4L7TrJYY7eIEKYpAFTc4JBAI6dGOa5qTRdJ1PTJrnQItRie2vIraSK4kSZphJuCsgVUw2UPynOcjng1lDxDqghniW7ZVnuhePtUAiYZw6nGVPJ+7j9KnvPFms3rQtJdJEYZ/tK/ZbeOAGX/AJ6ERqu5vc5PX1pRVkr+X6f8H8xyd72/rf8A4B0l14DtZobNbEyWlxLqkenyJJqFveffB+c+TjyyNpyjZz2PBqrf/wBlj4eXyaNb3kcSavCjSXU6yebiOXBAVF2/TLdetY954u1q9hWKS6jijS4W6Vba2igAmGcSfu1Hzc9ep4z0FM1PxVrGsWRs765jNs03nmGK3jiUycjfhFHzHccnvxnOBRrZr+un+T/rYVk0/wCuv+aMuCZra4jmjCF42DASRq6kj1VgQR7EYrutREOr654a0i5t7O2ttStrZ5nsrC3hkMj5GQypkc446e1cDV5tYv3vLK6af99YpGlu4RR5YQ5Xtzj3zT3svMnXW3Y6TTfAMlxFGt9P5Mt1LaJbOhyq+czg7hjlgEJwCKz77TNHudBvNR0RL63NjcpDKl5Mknmq4bay7UXaQUOV+br14qrdeKtbvIjHcX7lTd/bflVUKzYxuBABGOwHA7Cmap4k1TWLcQXs0Xk+aZmjgto4FeQ8F2Earub3OTyfWjp/Xl/wStL/ANef/AMqrmof2bi1/sr7VnyF+0/adv8Arud2zb/B0xnmqdXNQ1W91QWov5vNFpAttD8irsjXOF4Az1PJ5oEV4GiS4ja4jMsSuC8attLLnkZwcZ9cV0/i42ixeHLy2020tln04SyQQoVRyJpBgnO48KBknccda5eOQxSpIoUsjBgGUMOPUHgj2NbF74u1bUBaC6NkRZMrW+zTrdPLwSQvyoPlySdp+Uk8in29Q6v0NPxUAvh7TTqlnZ2mszSvN5NpbJB5dswXYJFQAZJyRnnb1PIrka1tY8S6lrxdtT+xySPJ5jyx2EEUjt6l0QMevc1k1KGFFFFMQUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVJD/rRUdSQ/60UAWaKKKAO/1/Q7fVJLCwj/ALPM19rUlvBfadZLDHbxAhTFIAqbnBIIBHToxzXNSaLpOp6ZNc6BFqMT215FbSRXEiTNMJNwVkCqmGyh+U5zkc8GsoeIdUEM8S3bKs90Lx9qgETDOHU4yp5P3cfpU954s1m9aFpLpIjDP9pX7LbxwAy/89CI1Xc3ucnr60oqyV/L9P8Ag/mOTve39b/8A6S68B2s0NmtiZLS4l1SPT5Ek1C3vPvg/OfJx5ZG05Rs57Hg1Vv/AOyx8PL5NGt7yOJNXhRpLqdZPNxHLggKi7fpluvWse88Xa1ewrFJdRxRpcLdKttbRQATDOJP3aj5uevU8Z6Cman4q1jWLI2d9cxm2abzzDFbxxKZORvwij5juOT34znAo1s1/XT/ACf9bCsmn/XX/NGXBM1tcRzRhC8bBgJI1dSR6qwII9iMV31xfM3irwjAlrp8CXC2VzIbfT4IWaQvydyIDj2zj2rz2r51m/N7ZXZn/f2CxpbPsX92EOVGMYOD65q07NeTuQ1dP0Ol1TRNHv5JbvTjfIV1hbK4M8iHzfM3HeqhfkwVPBLdRzTbvw74duNdbQtIvL2K/TU0slku9rJOpYqzhVUbNpA4LHdnt0HOJreoJG8a3GFkulu2GxeZVzhun+0eOnPSoJr65n1F7+SZvtUkpmaVflO8nO4Y6HPPFRFWST/rb/g/eXJ3u/66/wDAOxvfBWmzT2ltpt5HbXE2opZeXLqltdtIjnAlCxEFMEcqc/eHNUvEvhzS9N0t7mwuFjnhuvJMD6pbXTzIQcSARcpgrgqc/eHPBrIv/Eeo6lIklybVZkl84T29lDBKX/vF0QMTnnk9eetN1TX77WV/08WhbeZGkhsYYXdj1LOiBm69yeeaNbf15f8AB+8NL/15/wDAMyrmof2bi1/sr7VnyF+0/adv+u53bNv8HTGeap1c1DVb3VBai/m80WkC20PyKuyNc4XgDPU8nmmIk0Cwj1XxJpunzMVjurqKFyvUBmAOPzrovFFvaXel3Vxo0kC2um3a28luNMjt2j3BguJQWeUfI2S5B6HHPHIRyPDKksLtHIjBldTgqR0IPrWlqviXVNai8vUJ4yhkMzrDbxwiSQ/xvsUb268tk8n1ND1Vv66f8EFv/XmZVFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABUkP+tFR1JD/rRQBZooooA7/X9Dt9UksLCP+zzNfa1JbwX2nWSwx28QIUxSAKm5wSCAR06Mc1zUmi6TqemTXOgRajE9teRW0kVxIkzTCTcFZAqphsoflOc5HPBrKHiHVBDPEt2yrPdC8faoBEwzh1OMqeT93H6VPeeLNZvWhaS6SIwz/aV+y28cAMv/AD0IjVdze5yevrSirJX8v0/4P5jk73t/W/8AwDpLrwHazQ2a2JktLiXVI9PkSTULe8++D858nHlkbTlGznseDVW//ssfDy+TRre8jiTV4UaS6nWTzcRy4ICou36Zbr1rHvPF2tXsKxSXUcUaXC3SrbW0UAEwziT92o+bnr1PGegpmp+KtY1iyNnfXMZtmm88wxW8cSmTkb8Io+Y7jk9+M5wKNbNf10/yf9bCsmn/AF1/zRT0hFk1qxSRVdGuIwysMggsOCK6/X9PXV/GceiW2o6L5cupNAkdhpoge2G8qN5EKb8DjAZskfjXEQzSW9xHNC22SNg6NjOCDkVLJf3UupPqDTMLt5jOZk+Uhyd24Y6HPPFVpp/XYnXX+u509l4f0PW/LfS11C1ji1KCzuFuZ0kMiSsQHUhF2sNp+U7uo54OasPhy0ktLiVpJt0WsRWC4YYMbb8np975R7e1Ub7xVq+oiMT3McYjn+0AW1vHADL/AM9GEarub3OT19akvvGGt6iipc3UexbgXQSK2iiUzDP7whFALHcck9eM5wKF0v8A1t/k/vG/L+t/+B9xZ8R6d4b09tQtNLuL/wC22N35A+0lStyoLBmAVRs2kAcsd2c4HQc1U11czXt5NdXL75p5GkkbAG5mOScDjqahqVe2o3a+hc1D+zcWv9lfas+Qv2n7Tt/13O7Zt/g6YzzTtEgW61+wge0e8SS5jVraNtrSgsMqD2J6Zpuoare6oLUX83mi0gW2h+RV2RrnC8AZ6nk81Xt55bW5juLaRoponDxyIcFWByCD65q4u0rku7Vkd14xt7VvD9zNbLp12YdT8tbjT7OK3+yoVP7qTYBvJI4Ybl+Q4dskDga1tT8S6pq9uYL2WARNL5zpb2sUAkfn5m8tV3Hk8nOMn1NZNQlb+vIphRRRTEFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFSQ/60VHUkP+tFAFmiiigDp5/Dfh268QNoOk3t9DfJqSWYkugrLMpZldwqqNu0gcFjuz26ClJouk6npk1zoEWoxPbXkVtJFcSJM0wk3BWQKqYbKH5TnORzwawZL+6l1J9QaZhdvMZzMnykOTu3DHQ554rQvPFms3rQtJdJEYZ/tK/ZbeOAGX/noRGq7m9zk9fWiOyv/W3/AAQe7t/W50l14DtZobNbEyWlxLqkenyJJqFveffB+c+TjyyNpyjZz2PBqrf/ANlj4eXyaNb3kcSavCjSXU6yebiOXBAVF2/TLdetY954u1q9hWKS6jijS4W6Vba2igAmGcSfu1Hzc9ep4z0FM1PxVrGsWRs765jNs03nmGK3jiUycjfhFHzHccnvxnOBS1s1/XT/ACf9bNWTT/rr/mjJR2jkV42ZHUgqynBBHcGuy16C68S694Vtrm7d7nULC3ia4nYu2WlcbiScn8646KVoZklQKWRgwDoGUkeoOQR7HitTUvFGqaqtsLp7ZTaEeQ9vZwwNHjOAGjRTgEk4zjPNVppfuTrrbsdHdeD9H+1WUVvdeS0mpx2ckP8AattdSSxOceaoi5jIxyrBvvDk4NVbjw1o93GP7HkvYDHq0emyyXbpIHD7sSBVUbcFT8uW6jmse58U6pd3cN1KbRbmCcXCTw2EETmQHO5mVAW55+bOTT9H8Rz2OqQSXpeezF/HfTwxkI0jqTyGAyD8x6YHNC3V/wCtv+D94Prb+t/+B9xveIvDOi+HtP8AOvNL1q1nGoNbrBdXkaNcQqMmVP3PAJwM/MBkcmrGqR6Nb/FawttK06e0kj1G23E3CGIg7DhY1jXaeeu49+OayfEOv6Pf6VLb2cIuLiSdZI5zpNvYm3UZyv7kkybsj73Tb71lzeJ9VuJLSWaaFp7N0eG4+yxCXKABd0gXc+ABwxPQUoO0k35foOaurLzNXxJpmlSWF/qmlfbFkt9T+zTfaXQiXcHbcqqo2coRgs3Uc1jeHbC31XxJp+n3jSLDdXCQs0RAYbjgYyCOpFQSareS2c9rJNmG4uBcyrtHzSAEBs4yPvHgcc1Ba3Mtndw3Vs/lzQuskbgZ2sDkHn3qYK1k/L8hyd9vP8zoJvCv9m6BPqOqliQLZoFhkwGEhfKtlThgEP0z36U/xlOftGhTW010IxpcLW6zyIzwKGcBQyImcY6kZ96zrrxTrF9C0V5drNE139tMbwoVMuMZxtxjH8P3fal1HxRqWq/ZRe/YnFqV8nZp9vHtAzhflQZXk/Kcj2qv8/0Fpd2NHxne3VzNoF5cXM0t02kwu08khZy29+dx5z70nja6uL1tCub2eS4nk0iIvLK5dmO+Tkk8ms/UfFGpar9lF79icWpXydmn28e0DOF+VBleT8pyPamat4j1HW4IYtQ+ylYAFi8mxhhKqM4XKIDt5PHSh6/ff8/8wWn3W/L/ACHeFP8AkctG/wCv+D/0YK6Kfw3pfiC/uf7Gku7eddXis5ZLtkZZPOZxvVVA2YKH5SzZBHNcZaXU1jeQ3dq+yeCRZI2wDtYHIODx1FaF/wCJtV1LyxPPHEI5vPVbW3jtx5n98iNVy3+0eRT0dv67f5C11/rv/ma3iXw5pem6W9zYXCxzw3XkmB9Utrp5kIOJAIuUwVwVOfvDng1zmnWT6lqlrYxMFe5mSFSegLEDP61a1TX77WV/08WhbeZGkhsYYXdj1LOiBm69yeeazkdo5FeNmR1IKspwQR3BpR0eo5arQ29Vs9JGrjStGttSM0dz9naaaVJDNg7fliCKVJPQFz6Z71qeIPDFrpGg/wBp2PnWtzbXwtnjOpW92SSpYNmHHlMCh+U568Hg1i3nibVL65huZ5YFuYZRMtzDaRRSlxzuaRFDMc85Ynnmn3vi3V9QgWC5ltzAJxc+THZQxxtKM/OVVAGJzg5BzxnOBS1t5/8ADf8ABDS/l/w//ANbxKl3r+reGIri5kmur3TreMzTuXYs0rjJJ5PWqsmm6HP4qtNEsIdRT/T1tZ7me4Q+Yu/aSsYjGw98Fmx71Q1PxNqerpbrePbD7LjyWt7KGBowM4AaNFOBknGcZ5pt/wCJNS1KaOa6e38+OTzRcRWkUUrP/eaRFDMc85JPPNUrc1+l3+YtbW8l+Ran0eG00XUNRglmWey1RLWIhgBtIkO7gZ3ZQcjFXvFj3Wr33hw3MtxdXNzpkCs5JlkkYyOO5yx/Gs2/8X6zqcYivLiF4vtAuTEtpCkbSjPzsqqAxO45JB3cZzgU2+8V6tqD2jzy2ySWTK1vJb2UMDRbTlQGjQHAJzjpmktkn3X5WY31a7P87o3Na8L6XpWjrqTw3KiC+FrcWy6rbXDSAqxyGiU+UwKEFWDdevBp3ibStIv/AIgR6Lo1lLp81xdQwmRp0aFQ6qPljWNcdc/eOefWuf1LxRq2rWRs7yaEWzTCdooLWKFTJgjeQij5sE5PfjPQUy98RalqC2/2qaJpLcoY7hbeNJvlGFzKqh2wAOpPQelC31/ruD20OlvPBOnTz2ltpd4lvcy6iln5cmp2120iMSPNCxEFMEcqc/eHNQ3/APZY+Hl8mjW95HEmrwo0l1Osnm4jlwQFRdv0y3XrWFe+JdS1CaOadrVJ45fOWe3soYZS/XcXRAxOeeSeeadqfirWNYsjZ31zGbZpvPMMVvHEpk5G/CKPmO45PfjOcClry2/rp/wf62enNf8Arr/mjNtYGuryG3RXZpXVAsa7mJJxgDjJ9q63XPCWn2Gipeo0lm0V+tpcK9/Be4DKTvxDjYRtbKHOex4rkbe4mtLqK5tpGimhcPHIpwVYHII/GtW98W6vqECwXMtuYBOLnyY7KGONpRn5yqoAxOcHIOeM5wKrp/Xl/wAEXX+vP/gFzxTodlpkKT6RbTyWTTNGl/8A2jFdRzYGR8saKY2I52sc47cVk6BYR6r4k03T5mKx3V1FC5XqAzAHH507Udev9Utkt7k28cCP5gitbSK3QtjG4iNVDHHGTnGT61QjkeGVJYXaORGDK6nBUjoQfWiOjuxS1Wh6Mujab4i1m0t7GSFdOttVhs7i2XTY7Z1VywULMGMkoOxhlyGyQcel2DQdL18x22of2b9qg1iCF10u1EKRRSFgYGkAUSMNn3vmx13tk44HUfFOsaps+1XSqVm+0Zt4I4C0v/PRvLVdzf7RyeT6mk1HxRq+qtGbu6VTHN54NvCkG6X/AJ6N5ajc/wDtHJ96S6X/AK2/4P3+o3re39bnU+JLOxuPCWoTy/2b/aOn30agaZaCKOFH3AwtIABKw2Zz82MffbJxynhnTIda8T6fpt08iQ3U6xu0eNwB7jPFGreJNU1uMJqE8bJ5hlZYoI4Q8h6uwRRub/abJ6+tU7C/udM1CG9sZPKuIHDxvtDbSO+DxSWjuwlqtDvJPAei39jbHRp76Ge4Nmwa7kRlRZ5GjxhVGSCmc5HBxjucvXPDuh6VaC6SRm8m78mW0XWLWeW4jIP7xfLB8vBXBDK33hzwawz4m1c2f2UXrLEEiQBUVSBGxZMMBkEMxOc55puqa/fayv8Ap4tC28yNJDYwwu7HqWdEDN17k88035dwOk8TaVpF/wDECPRdGspdPmuLqGEyNOjQqHVR8saxrjrn7xzz603VfCmkQLB9kuRFJ9vS1eBtUtrqSaNjjzFEXKYxyrA/eHPBrnr3xFqWoLb/AGqaJpLcoY7hbeNJvlGFzKqh2wAOpPQelOvvEuo6hNHNc/ZBNHKJhNDYwROz9csyIC3PPJOTTVrr+u3/AARO9jT1zTPC9ndXljY3l/Fc2d6LdpLkB1mTLB3Cqo27SBwWO7PQdAzxTodlpkKT6RbTyWTTNGl//aMV1HNgZHyxopjYjnaxzjtxWDLfTz6k9/MyyXEkpmdnjUqzk5JKkbSM9sYq1qOvX+qWyW9ybeOBH8wRWtpFboWxjcRGqhjjjJzjJ9alXtruVpfyKdrA11eQ26K7NK6oFjXcxJOMAcZPtXb3HgjTgtiyefbM+rRafcRf2jb3bEPn5sxD92w2t8rZ69eDXD29xNaXUVzbSNFNC4eORTgqwOQR+NbFx4y1u4EQa5hjWK5W7RILSGJfOXOJCqIAW55J68ZzgVStp/Xb/gk66/13/wCAa7eE9K1No4dCe9hddXj0ySS8kRw+8NiQKqjbjYfly3Uc0l//AGWPh5fJo1veRxJq8KNJdTrJ5uI5cEBUXb9Mt161zaa3qMcbpHdMgkulu2KqAfOXOHBAyMbj04qzqfirWNYsjZ31zGbZpvPMMVvHEpk5G/CKPmO45PfjOcCp15ben6f5MrTmv6/r/mihp62jalbLqTSLZmVRO0RAYJn5iMg849q6d/BUMVzHYS3LreXesnT7RsjZ5akBpWHU/fTGCO9cfV+91vUdQltJbq6dpLONY4HUBWQL05AGT7nn3qtNL/1/X6k6/wBf1/Vjs4fDml6bruk3NhcLHPDrEEJgfVLa6eZC/EgEXKYK4KnP3hzwayvEGm6O9pe6rpy32bfVPs1wJ5U/fbgzblAX5OUIwS/Uc1lXPinVLu7hupTaLcwTi4SeGwgicyA53MyoC3PPzZyarDWb4QyRGVWjluVu5EeJGVpRnBII5HzHjoc9KnWy/rt/kx9f68/80dD4ktjq2seGrS1ln8u7sLeK3W6dHaFWkZQu5ETcB6kZ96ydcXSdPv3ttFi1COe0nKNc3Fwp8wqcblRUBQ5GfvNj9aZqfibU9XS3W8e2H2XHktb2UMDRgZwA0aKcDJOM4zzTb/xHqGpzRy332SSWOTzTJ9hgV5G9XYIDJnvuznvT6/N/1/W4dPkjf16C68S694Vtrm7d7nULC3ia4nYu2WlcbiScn86r+JfDml6bpb3NhcLHPDdeSYH1S2unmQg4kAi5TBXBU5+8OeDWVqXijVNVW2F09sptCPIe3s4YGjxnADRopwCScZxnmo9U1++1lf8ATxaFt5kaSGxhhd2PUs6IGbr3J55ofl3f5gvPsvyKECxvcRpNJ5UbMA8m3O0Z5OO+K7C/8LacNa0yDT4LltOu79bX+0E1KG5SVSwHASMeU5U7tr5Ptwa46KVoZklQKWRgwDoGUkeoOQR7Hit218V3batpkuoeStnZ3kdy0NlaQwBipGTtjVQzYGAT0z2zVRtdX7ku9nY1f+EU0jVZDBoUt7byQ6pDp0kt86MsvmFgHVVA2kFD8uW4I5qS98FabNPaW2m3kdtcTaill5cuqW120iOcCULEQUwRypz94c1gax4o1DVLolZVt4EuWuIY7a3jt8NnhyIwMuB/Ecn3qK/8R6jqUiSXJtVmSXzhPb2UMEpf+8XRAxOeeT1561Edlf8Arb/g/eXLd2/rf/gHSXngnTp57S20u8S3uZdRSz8uTU7a7aRGJHmhYiCmCOVOfvDmob/+yx8PL5NGt7yOJNXhRpLqdZPNxHLggKi7fpluvWsK98S6lqE0c07WqTxy+cs9vZQwyl+u4uiBic88k8807U/FWsaxZGzvrmM2zTeeYYreOJTJyN+EUfMdxye/Gc4FGvLb+un/AAf62NOa/wDXX/NEXh2wt9V8Safp940iw3VwkLNEQGG44GMgjqRWlN4V/s3QJ9R1UsSBbNAsMmAwkL5VsqcMAh+me/SuftbmWzu4bq2fy5oXWSNwM7WByDz71pXXinWL6Fory7WaJrv7aY3hQqZcYzjbjGP4fu+1MRo+Mpz9o0Ka2muhGNLha3WeRGeBQzgKGREzjHUjPvS+M726uZtAvLi5mlum0mF2nkkLOW3vzuPOfes7UfFGpar9lF79icWpXydmn28e0DOF+VBleT8pyPajUfFGpar9lF79icWpXydmn28e0DOF+VBleT8pyPaj/O/5/wCYf5W/L/I0PG11cXraFc3s8lxPJpEReWVy7Md8nJJ5NZ3hT/kctG/6/wCD/wBGCm6t4j1HW4IYtQ+ylYAFi8mxhhKqM4XKIDt5PHSqFpdTWN5Dd2r7J4JFkjbAO1gcg4PHUVUXad/O/wCIpK8beX6HZz+G9L8QX9z/AGNJd2866vFZyyXbIyyeczjeqqBswUPylmyCOapeJfDml6bpb3NhcLHPDdeSYH1S2unmQg4kAi5TBXBU5+8OeDWTf+JtV1LyxPPHEI5vPVbW3jtx5n98iNVy3+0eRTNU1++1lf8ATxaFt5kaSGxhhd2PUs6IGbr3J55rNK0Uv66f8H7y27yv/XUq6dZPqWqWtjEwV7mZIVJ6AsQM/rWpqtnpI1caVo1tqRmjufs7TTSpIZsHb8sQRSpJ6AufTPesRHaORXjZkdSCrKcEEdwa1bzxNql9cw3M8sC3MMomW5htIopS453NIihmOecsTzzV6aXI11NrxB4YtdI0H+07HzrW5tr4WzxnUre7JJUsGzDjymBQ/Kc9eDwaTxKl3r+reGIri5kmur3TreMzTuXYs0rjJJ5PWsm98W6vqECwXMtuYBOLnyY7KGONpRn5yqoAxOcHIOeM5wKZqfibU9XS3W8e2H2XHktb2UMDRgZwA0aKcDJOM4zzSXS/dflqN+Xb9S/Jpuhz+KrTRLCHUU/09bWe5nuEPmLv2krGIxsPfBZse9QT6PDaaLqGowSzLPZaolrEQwA2kSHdwM7soORiqt/4k1LUpo5rp7fz45PNFxFaRRSs/wDeaRFDMc85JPPNTX/i/WdTjEV5cQvF9oFyYltIUjaUZ+dlVQGJ3HJIO7jOcClrbz/4b/J/eGl/L/h/+AaXix7rV77w4bmW4urm50yBWckyySMZHHc5Y/jVjWvC+l6Vo66k8Nyogvha3Fsuq21w0gKscholPlMChBVg3Xrwaw77xXq2oPaPPLbJJZMrW8lvZQwNFtOVAaNAcAnOOmabqXijVtWsjZ3k0ItmmE7RQWsUKmTBG8hFHzYJye/Gegpvrbv+v/Dgul+36f8ADHQeJtK0i/8AiBHoujWUunzXF1DCZGnRoVDqo+WNY1x1z94559adeeCdOnntLbS7xLe5l1FLPy5NTtrtpEYkeaFiIKYI5U5+8Oa5q98RalqC2/2qaJpLcoY7hbeNJvlGFzKqh2wAOpPQelOvfEupahNHNO1qk8cvnLPb2UMMpfruLogYnPPJPPNPT+vl/wAEWpu3/wDZY+Hl8mjW95HEmrwo0l1Osnm4jlwQFRdv0y3XrXJWsDXV5Dbors0rqgWNdzEk4wBxk+1aWp+KtY1iyNnfXMZtmm88wxW8cSmTkb8Io+Y7jk9+M5wKzLe4mtLqK5tpGimhcPHIpwVYHII/GkvivLy/JDe1l5/mzrtc8JafYaKl6jSWbRX62lwr38F7gMpO/EONhG1soc57HiqXinQ7LTIUn0i2nksmmaNL/wDtGK6jmwMj5Y0UxsRztY5x24qne+LdX1CBYLmW3MAnFz5MdlDHG0oz85VUAYnODkHPGc4FV9R16/1S2S3uTbxwI/mCK1tIrdC2MbiI1UMccZOcZPrS1t/Xl/wR6f18yhHIYpUkUKWRgwDKGHHqDwR7GvQrbS7PxCNAW4bTrwzastvdXOm2otVRGVSsLKEj3McOd23jpuPQeexStDMkqBSyMGAdAykj1ByCPY8Vo3viPU76OGOSaOCOCTzo47O3jtkEn9/bGqgt/tHmq06ku53xs7G4jinl/s3+0dP1q2UDTLQRRwo7kGFpAAJWGzOfmxj77ZOM/VPCenDxvaaZfyXUl1q180r3Fs6+THEzsNqkqfMcYOSCAp+Xk5I5a98V6zqE0MtxcxhoZ/tK+VbxxBpf+ejBFAduOrZPX1NEHizWrfb5d5kpdG8jLwo/lyk5LLlTtz3AwD3FTrp/Xb/K/wDw431t/W/+f9WN/XPCmh2/hWXU9JfUBKkNtcbbmVGXbKzptwqjJBTOcjg4xxkluP7L8QeFdAU4eC7gurwes8jKcH/dTaPrurAi8U6okUcEssdxbIIVNvLEu11icuikjBxlm6EE561TfVrx9cbVzLi9Nx9p8zaDiTduzg8de1VF2lfpf+v68hSV1Zdv6/rzN/xJpmlSWF/qmlfbFkt9T+zTfaXQiXcHbcqqo2coRgs3Uc1ydXJNVvJbOe1kmzDcXAuZV2j5pACA2cZH3jwOOadqes3+sLaDUZ/OFlbrawfIq7I16LwBnr1PNRFWVvT8v8y27v7/AM/8ipHIYpUkUKWRgwDKGHHqDwR7Gut8V3UE8miQXUVrZ201hDczyWOmwJIXYNlvlCZ/3dwFclHIYpUkUKWRgwDKGHHqDwR7GtLVvEeo63DDHqJtWWABYzDYwwsqgYC5RAdoz06VT2+ZK3Ok8eXsFvDbaTp2sambWO0tSNOaARW4BhVt/Epy5J3H5epPzHGTx1gLQ6jbjUjKLQyqJzCQHCZ5K5BGcUt9f3OpXAnvZPMkWNIg20D5UUKo49AAKZbLbvdRreSyRQE/O8UYkZR7KWUH8xTXxXB/Cl5HWN4Hjh1CLTbi5eO8u9WNlavwU8lcbpSMfNncmMEd6bZeH9D1vy30tdQtY4tSgs7hbmdJDIkrEB1IRdrDaflO7qOeDnM8Q+In1TWLWexkuI4dPgitrN5GxKFjHDkjoxPPB46ZOM1FfeKtX1ERie5jjEc/2gC2t44AZf8AnowjVdze5yevrRGytf8Arb89fvB3/r5/18iW60S2g0HUr1HlMlrqa2iAkbShWQ5PHX5B+vFVfDthb6r4k0/T7xpFhurhIWaIgMNxwMZBHUipdU8VaxrNq1rf3MbQPN57RRW8cStJz85CKPmO45PU8ZzgYzLW5ls7uG6tn8uaF1kjcDO1gcg8+9THTfy/IJbaHSDwbLb6PJcXpkaeVrUWqW/zbvNZwVKkcsAnQEdetalx4I04LYsnn2zPq0Wn3EX9o292xD5+bMQ/dsNrfK2evXg1zc/i3XLlcS6g/F59uBVFUrN2YEDjHYDgdhUlx4y1u4EQa5hjWK5W7RILSGJfOXOJCqIAW55J68ZzgVS/r8P+CD3dv63/AOAX9R0fQLfT5r6zi1J4bHURZ3CS3MYacFWIZcRkRnKHg7+vWm+P49Gt/El1baVp09pJGybibhDEQUBwsaxrtPPXce/HNYMmq3ktnPayTZhuLgXMq7R80gBAbOMj7x4HHNTajr1/q1vFFqDwy+UFCy/Zo1lYKu0BpAodsDj5iegqFe2vl+Wv4j0v/XfT8CnbNbpdRteRSSwA/OkUgjZh7MVYD8jXZ+I9I0jUviFHomj2c2nSz3MUTStMjRKrKv3Y1jXB5z94559a4atS78R6nfC2NxNGZbYoYrhLeNJwUGFzKqh2wAOpPQelWrdSXfoXr7TNHudBvNR0RL63NjcpDKl5Mknmq4bay7UXaQUOV+br14rG06yfUtUtbGJgr3MyQqT0BYgZ/WrmqeJNU1i3EF7NF5PmmZo4LaOBXkPBdhGq7m9zk8n1rMR2jkV42ZHUgqynBBHcGlHfUctVodZZxaPaePdLstJgvhJbapFHJPdToRLtkAJEYQFMkZwWbHT3p+taLpl9Hc3mjrqHnJqws5RKUczF9xDIigbTlSNpZs5HNY114o1S8vILud7b7VBMJ1uEsoUkaQHO5nVAXOefmJyetV49d1KFWEN00e66W8JVQD5y52uDjIxuPTihbK/9bf5MOrt/W/8AmjrbjwRpwWxZPPtmfVotPuIv7Rt7tiHz82Yh+7YbW+Vs9evBqlceGtHu4x/Y8l7AY9Wj02WS7dJA4fdiQKqjbgqfly3Uc1mXHjLW7gRBrmGNYrlbtEgtIYl85c4kKogBbnknrxnOBTdH8Rz2OqQSXpeezF/HfTwxkI0jqTyGAyD8x6YHNNbq/wDW3/B+8T0Wn9b/APA+46XU/A2nwta2SWmqaXqF3qwsIf7RnQrJHnBmVBGpIyR0OORgmsvxL4c0vTdLe5sLhY54bryTA+qW108yEHEgEXKYK4KnP3hzwadrviPS7nT2TTkMl4blZoboaVb2DWwXPAMLEvnI5YjG0EcnjE1TX77WV/08WhbeZGkhsYYXdj1LOiBm69yeeajW39eX/B/qxWif9ef/AADOQqJFMgZkyNwU4JHscHH5V1XiyW2a90GScXs9idLiKQPPGJI49zgIJFiA4x1KE1y0UrQzJKgUsjBgHQMpI9Qcgj2PFaWreI9R1uCGLUPspWABYvJsYYSqjOFyiA7eTx0qnsvUS3NXx/Ho1v4kurbStOntJI2TcTcIYiCgOFjWNdp567j345rla0tQ16+1WGGLUWhmEQUCUW0SzMFXaA0oXe3HHzE9BVjxJ4hOvSWCJbtBb6faJaW6ySCSTYuT8zhVBOSegGBj6kAp6JZR6lr+n2M5ZYrm5jhcocMAzAHGe/NacmiW0Gjajeo8pktdTW0QEjaUKyHJ46/IP14rBhlkgmSaFykkbBkZTgqQcgiti/8AFWsazCbW/uY2gebz2iit44laTDfOQij5juOT1PGc4GB7af1qv+D94LfX+t/+AUaKKKAOl1HwlaSatp1poscotL2+FpHqTajFdRPkgAlY0Uxtg7tjHPbHFQ+JfDml6bpb3NhcLHPDdeSYH1S2unmQg4kAi5TBXBU5+8OeDWPeeI9SvY4Y3khgSGTzkSztYrYB+zkRKuWHYnkdqTVNfvtZX/TxaFt5kaSGxhhd2PUs6IGbr3J55pdP68v+CHUzRzXVeJEtLHxLZ6Bd+YmlaYY45fIwHcsFM0mSOWJ6Z7BR0FcpW3qOpWOtTWE9+bi3uRGIb2aKNZA4QBUdVLLltoAIJA4znnArsIs694ah8P2Nz9qkka7/ALQe3tQCArwoMtIeOc7kxgjv1pPEYF9o2j65JtF1eLLDc4GPMeIgCTHqVZcnuQT1Jqt4n1xdc1GAw+d9ks7aO0tvOxvMaDAZscZJycDpnGTjNR65qkN99ktNPSSOwsYvKgWXG9iTud2xxlmJ47DA5xmp6Fdf6/r/AIYy0KiRTIGZMjcFOCR7HBx+VdV4sa2nvdBM9xex2LaXFs3rHNJBHucBRtEYfGO+Dz1rlopWhmSVApZGDAOgZSR6g5BHseK0tW8R6jrcEMWofZSsACxeTYwwlVGcLlEB28njpTey9RLc6Tx5ewW8NtpOnaxqZtY7S1I05oBFbgGFW38SnLkncfl6k/McZPHWAtDqNuNSMotDKonMJAcJnkrkEZxS31/c6lcCe9k8yRY0iDbQPlRQqjj0AAplstu91Gt5LJFAT87xRiRlHspZQfzFNfFcH8KXkdY3geOHUItNuLl47y71Y2Vq/BTyVxulIx82dyYwR3ptl4f0PW/LfS11C1ji1KCzuFuZ0kMiSsQHUhF2sNp+U7uo54OczxD4ifVNYtZ7GS4jh0+CK2s3kbEoWMcOSOjE88Hjpk4zUV94q1fURGJ7mOMRz/aALa3jgBl/56MI1Xc3ucnr60RsrX/rb89fvB3/AK+f9fIlutEtoNB1K9R5TJa6mtogJG0oVkOTx1+QfrxWfo2mvrOuWWmxuI2u50hDkZ27iBnHtmreqeKtY1m1a1v7mNoHm89ooreOJWk5+chFHzHccnqeM5wMZcE0ttcRz27tHLEwdHU4KsDkEVMdHr5fkEtVp5ne2el6ZrPho6VoiXdrHca9b25uLuZZd2UkG4KqLt4525PUDNYF9pmj3Og3mo6Il9bmxuUhlS8mSTzVcNtZdqLtIKHK/N168VBfeMNc1CFYZ71UjW4Fyq28EcAWUZ/eDYow3Jyep4z0FQ6p4k1TWLcQXs0Xk+aZmjgto4FeQ8F2Earub3OTyfWh3/r0X+THp/Xq/wDNEGiWUepa/p9jOWWK5uY4XKHDAMwBxnvzXTjwlpOqyRw6JJeW7LqyabJJeSI4cOG/eBVUbcbD8uW6jmuQtLqaxvIbu1fZPBIskbYB2sDkHB46irK61qKQyRx3TIslyt2xQBT5q5w4IGQRuPSq7f11X6XJ1/r0f62NiXTtAn0q41Owt9SWGwuo4biGe6jLTo4bayMIwEbKHIIbr14p/j+PRrfxJdW2ladPaSRsm4m4QxEFAcLGsa7Tz13HvxzWVqniTVNYtxBezReT5pmaOC2jgV5DwXYRqu5vc5PJ9aZqOvX+rW8UWoPDL5QULL9mjWVgq7QGkCh2wOPmJ6Cp1K0voL4dsLfVfEmn6feNIsN1cJCzREBhuOBjII6kVrDwbLb6PJcXpkaeVrUWqW/zbvNZwVKkcsAnQEdetc3a3Mtndw3Vs/lzQuskbgZ2sDkHn3rUn8W65criXUH4vPtwKoqlZuzAgcY7AcDsKrTr/X9ak66nSXHgjTgtiyefbM+rRafcRf2jb3bEPn5sxD92w2t8rZ69eDWdqOj6Bb6fNfWcWpPDY6iLO4SW5jDTgqxDLiMiM5Q8Hf161QuPGWt3AiDXMMaxXK3aJBaQxL5y5xIVRAC3PJPXjOcCs6TVbyWzntZJsw3FwLmVdo+aQAgNnGR948Djmp1t/Xl/wfvK0/r5/wDA+43vH8ejW/iS6ttK06e0kjZNxNwhiIKA4WNY12nnruPfjmuWHNaOo69f6tbxRag8MvlBQsv2aNZWCrtAaQKHbA4+YnoKzafUR2OsWEbeM9M8J5aOxtJobYmMYZ3k2ebJkjkkngnoAo6Cqut6NpEWjXV5o325TZagLKQ3UqN52VYhwFUbOUPGW6jmqeoa99qudN1SDzIdXtlRZpcAo5jwI5AD/FgAEEYyue5AoSareS2c9rJNmG4uBcyrsHzSAEBs4yPvHgcc0Pb+u6/4P3gv6+5/rY1/EYF9o2j65JtF1eLLDc4GPMeIgCTHqVZcnuQT1JrnK1tc1SG++yWmnpJHYWMXlQLLjexJ3O7Y4yzE8dhgc4zWTQHQKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAqSH/Wio6kh/1ooAs0UUUAdJ4nsdJ8OaX9k0wx3kmrFbuKeRAzW9r1jQE/dcnO7HZQO5q5p9vFaeJvCvhmeNJUS5iuL+KRQyvNKVO1geDtTavPct61yJ1e5lvbK4u/LuvsSxxxRyrhSiHIQ7cEj8c+9A1q/XxAdaSbbf8A2g3Il2g4k3bs4PHXtQtH8/8Ahv67id2vl+L3/rsdTq+m2X/CLatq1pawpFd3FpLblY8eQT5wljU9gHQ8DsFqn4m1CO68N6bDqGqRavrKuZGuo2Z2igZFZYpJGALMGLcc7eRntWH/AG3qH9hyaR9o/wBBkn+0NFsXmTGM7sZH0zio9U1a91m8F1qU3nTCNI92xV+VQFUYAA4AFL/gfkW2nK5TooopkhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFSQ/60VHUkP+tFAFmiiigDq9X02y/wCEV1bVrS1hSK7uLSWArHjyCfOEsansA6ngdgtcPWh/beof2HJpH2j/AEGSf7Q0WxeZMYzuxkfTOKz6XX+uxUmm9AooopkhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABUkP+tFR1JD/rRQBZooooApUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABUkP+tFR1JD/AK0UAWaKKKAHaho9zpvlfaJbJ/NJC/Zr6GfGMdfLdtvXvijUNHudN8r7RLZP5pIX7NfQz4xjr5btt698VQooAv6ho9zpvlfaJbJ/NJC/Zr6GfGMdfLdtvXvijUNHudN8r7RLZP5pIX7NfQz4xjr5btt698VQooAv6ho9zpvlfaJbJ/NJC/Zr6GfGMdfLdtvXvijUNHudN8r7RLZP5pIX7NfQz4xjr5btt698VQooAv6ho9zpvlfaJbJ/NJC/Zr6GfGMdfLdtvXvijUNHudN8r7RLZP5pIX7NfQz4xjr5btt698VQooAv6ho9zpvlfaJbJ/NJC/Zr6GfGMdfLdtvXvijUNHudN8r7RLZP5pIX7NfQz4xjr5btt698VQooAv6ho9zpvlfaJbJ/NJC/Zr6GfGMdfLdtvXvijUNHudN8r7RLZP5pIX7NfQz4xjr5btt698VQooAv6ho9zpvlfaJbJ/NJC/Zr6GfGMdfLdtvXvijUNHudN8r7RLZP5pIX7NfQz4xjr5btt698VQooAv6ho9zpvlfaJbJ/NJC/Zr6GfGMdfLdtvXvijUNHudN8r7RLZP5pIX7NfQz4xjr5btt698VQooAv6ho9zpvlfaJbJ/NJC/Zr6GfGMdfLdtvXvijUNHudN8r7RLZP5pIX7NfQz4xjr5btt698VQooAv6ho9zpvlfaJbJ/NJC/Zr6GfGMdfLdtvXvijUNHudN8r7RLZP5pIX7NfQz4xjr5btt698VQooAv6ho9zpvlfaJbJ/NJC/Zr6GfGMdfLdtvXvijUNHudN8r7RLZP5pIX7NfQz4xjr5btt698VQooAv6ho9zpvlfaJbJ/NJC/Zr6GfGMdfLdtvXvijUNHudN8r7RLZP5pIX7NfQz4xjr5btt698VQooAv6ho9zpvlfaJbJ/NJC/Zr6GfGMdfLdtvXvijUNHudN8r7RLZP5pIX7NfQz4xjr5btt698VQooAv6ho9zpvlfaJbJ/NJC/Zr6GfGMdfLdtvXvijUNHudN8r7RLZP5pIX7NfQz4xjr5btt698VQooAv6ho9zpvlfaJbJ/NJC/Zr6GfGMdfLdtvXvijUNHudN8r7RLZP5pIX7NfQz4xjr5btt698VQooAv6ho9zpvlfaJbJ/NJC/Zr6GfGMdfLdtvXvik1HSLnSxGbmSzfzM7fs19DcYx6+W7Y698VRooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACpIf9aKjqSH/WigCzRRRQB2et29nPAbHVl0lL+TVljtP7KW3DrbkkOH8j5f7mN/zZz2zVOfw34duvEDaDpN7fQ3yaklmJLoKyzKWZXcKqjbtIHBY7s9ug5IXc4vvtgf8A0jzfN34H3s5zjp1p0l/dS6k+oNMwu3mM5mT5SHJ3bhjoc88UoqyV/n+H+Tv6jk73t8vxOiTw/pWt2rP4fF7ayRX8Nm4vZkkEglLBXG1F2kFTlfm69eKgn0nSbzxPbaBoyXsMzXotHu7udGV/m27hGEBXnnBZvT3qlqPifVtUjRLm4jREmM+22t47cNL/AH28tV3N/tHJ6+tM1DxHqWpyRy3ckHnxyeaLiG1iilZ/7zSIoZjnnJJ55601ur/1t/wfvE+tv63/AOAbmveGdHsLITW14ts0d4LeSN9Strx5Izn96Fh5TGOVOfvDmoPEegadp7QSadHONOkuTD/aX2+K7jdeOdsaKY22ndsY7sduKy7/AMR3+pSJJeLYtIkvnb00+3Rnb1cqgL57hsg96LvxHqN6kMcxtUihl85YYLGGGNn9WRECvxx8wPBI7mheYPyNHxTodlpkKT6RbTyWTTNGl/8A2jFdRzYGR8saKY2I52sc47cVjaPpzavrllpqSLE13cJCHbou5gM/rUuo69f6pbJb3Jt44EfzBFa2kVuhbGNxEaqGOOMnOMn1qhHI8MqSwu0ciMGV1OCpHQg+tEdHqD20Ou1zw7oml2i3UcrYhvBDLajV7W4lniOf3i+WD5ZG3BDBsbhycGovFHhnTvDVrat5l3dSXspmhOPLVbbAwrZX/W88gcLxwcisu58UaleXUVzOLEzxTecJF023Vmf1chBv9cNkE81E/iLU5YpY7i4W4Sa6+2OJ4kkzN3b5gevcdDgZBxS1/r5f1+HXQ/r8/wCv+G12fFkts17oMk4vZ7E6XEUgeeMSRx7nAQSLEBxjqUJq34m0rSL/AOIEei6NZS6fNcXUMJkadGhUOqj5Y1jXHXP3jnn1rndW8R6jrcEMWofZSsACxeTYwwlVGcLlEB28njpSXviLUtQW3+1TRNJblDHcLbxpN8owuZVUO2AB1J6D0qla+vf9Ra2+R0t54J06ee0ttLvEt7mXUUs/Lk1O2u2kRiR5oWIgpgjlTn7w5qG//ssfDy+TRre8jiTV4UaS6nWTzcRy4ICou36Zbr1rCvfEupahNHNO1qk8cvnLPb2UMMpfruLogYnPPJPPNO1PxVrGsWRs765jNs03nmGK3jiUycjfhFHzHccnvxnOBU68tv66f8H+tq05r/11/wA0ZtrA11eQ26K7NK6oFjXcxJOMAcZPtXX614T0vT9HW+d7myEN8LS4Rb22v2wVY7gsRXYwKEFGPfrwa4+3uJrS6iubaRopoXDxyKcFWByCPxrS1LxRq2rWRs7yaEWzTCdooLWKFTJgjeQij5sE5PfjPQU3tp/W3/BEt9f6/rQ6fxlf2NpJZaXFqerzadHa2pbS0RbeEqYVbeG3uN5J3HKHknk4yYPE2laRf/ECPRdGspdPmuLqGEyNOjQqHVR8saxrjrn7xzz61yN9f3OpXAnvZPMkWNIg20D5UUKo49AAKt3viLUtQW3+1TRNJblDHcLbxpN8owuZVUO2AB1J6D0p6Xu+4ull2Oh1XwppECwfZLkRSfb0tXgbVLa6kmjY48xRFymMcqwP3hzwaz/EeneG9PbULTS7i/8Attjd+QPtJUrcqCwZgFUbNpAHLHdnOB0FC+8S6jqE0c1z9kE0comE0NjBE7P1yzIgLc88k5NZ91czXt5NdXL75p5GkkbAG5mOScDjqanW39eX/B+8r+vz/wCAaPhXToNX8XaXp93nyLm6jjkAOCVLcjPbPSup8SWdjceEtQnl/s3+0dPvo1A0y0EUcKPuBhaQACVhszn5sY++2Tjgo5HhlSWF2jkRgyupwVI6EH1rS1bxJqmtxhNQnjZPMMrLFBHCHkPV2CKNzf7TZPX1pvVW/rp/X9MS0d/66jvCunQav4u0vT7vPkXN1HHIAcEqW5Ge2eldXr9tZv4Xvrphpf8AaWmX8YVdOslSKFX3DyXbaFmIKZzhuh+ZsnHHX2valqUli93dMz6fAlvasqhDEicqAVA5HqefeptQ8UatqjRm9mhcJN55RbWJEkk/vuqqBI3uwPU+poe1l/WwI6S60h/Euk6VHp/9m31/NqBt3utOtBbJEGQFY3QIm4/K7btuAARk9Bo+I/BtxeWGg2WjeH7myBvJrQTz2bRSSriPbJKSAfmO9gD0GQOlcLqOv6hqlsltcvClvG5kEFtbR28e7GNxWNVBbHGSM4qtJf3M2nQWMkmba3d3iTaPlZ8bjnqc7R19KOv9f13+8Nf6+f8AwD0XXtA0+zt/Dj32hXWnaPBfyW93cy2bRSSxAx4eU4B+Y7yPQZA6Vk+JLISeEZ729XRVuoNRWKA6UYcGF0c4byflPKDG7LjnPUZ5L+07s2dratIrQWkrSwxtGrBWbbuzkfMDtHByOKk1LWr7VliS7eIRQ58uGCCOCNSepCRqFycDJxk4HoKHtb+un9fMFv8A15/18ipAsb3EaTSeVGzAPJtztGeTjviuu1HwlaSatp1poscotL2+FpHqTajFdRPkgAlY0Uxtg7tjHPbHFchFK0MySoFLIwYB0DKSPUHII9jxWjeeI9SvY4Y3khgSGTzkSztYrYB+zkRKuWHYnkdqemlxanQ6p4P07/R4tLukhun1BLMQy6pbXTSq5wJQsXKYI5U5+8OeDVCTRtIv/FNt4f0dL2GVrwWsl3dzI6v820sIggK8843N6e9Zuo+ItQ1Rle6NqJVk83zoLKGGQv6l0QMT35PXmlv/ABJqepTRzXMkAuI5PNFxDaxRTF/7zSIoZjnnJJ5560l0v/W3/B+8b8v63/4Bt2Xh/Q9b8t9LXULWOLUoLO4W5nSQyJKxAdSEXaw2n5Tu6jng5kbwnpWptHDoT3sLrq8emSSXkiOH3hsSBVUbcbD8uW6jmsa58Xa1dywSSXMUZguBdIILWKFTMP8AloyooDtx1bPf1NU01vUY43SO6ZBJdLdsVUA+cucOCBkY3HpxR/X5f8H7wfl/W/8AwDp7lNHbwHdRaZHeW1sutQRyT3Uqylh5co3hVRdvHO3LfWs/xTodlpkKT6RbTyWTTNGl/wD2jFdRzYGR8saKY2I52sc47cVUvvF+s6lAsF5cQvAtwLnyVtIUjMoz8xRVAJOTnI+bvnAqtqOvX+qWyW9ybeOBH8wRWtpFboWxjcRGqhjjjJzjJ9aWr1/rZf5D0/P82L4dsLfVfEmn6feNIsN1cJCzREBhuOBjII6kVpTeFf7N0CfUdVLEgWzQLDJgMJC+VbKnDAIfpnv0rn7W5ls7uG6tn8uaF1kjcDO1gcg8+9aV14p1i+haK8u1mia7+2mN4UKmXGM424xj+H7vtTEaviyW2a90GScXs9idLiKQPPGJI49zgIJFiA4x1KE1q6pHo1v8VrC20rTp7SSPUbbcTcIYiDsOFjWNdp567j345rk9W8R6jrcEMWofZSsACxeTYwwlVGcLlEB28njpTpvE+q3ElpLNNC09m6PDcfZYhLlAAu6QLufAA4YnoKqLtK/nf8RSV428jV8SaZpUlhf6ppX2xZLfU/s032l0Il3B23KqqNnKEYLN1HNc5p9ut3qdrbyFgk0yRsV6gEgcU+TVbyWzntZJsw3FwLmVdo+aQAgNnGR948Djmq8M0lvcRzQttkjYOjYzgg5FRTXLa+2n5K453advP89Drrvw74duNdbQtIvL2K/TU0slku9rJOpYqzhVUbNpA4LHdnt0Ca54d0PSrQXSSM3k3fky2i6xazy3EZB/eL5YPl4K4IZW+8OeDXLTX1zPqL38kzfapJTM0q/Kd5Odwx0OeeKt6pr99rK/6eLQtvMjSQ2MMLux6lnRAzde5PPNCvZd/wDhv+D949L+R0viTTtCuviHDpFjYXNl515BFKy3CFNjBQdiCIbTz1JPfjms2Hw5aSWlxK0k26LWIrBcMMGNt+T0+98o9vas278R6nfC2+0yxNLbFDHcLbRrNlBhcyhQ7YAH3iegqxfeMNb1FFS5uo9i3AugkVtFEpmGf3hCKAWO45J68ZzgVStp/XVf5P7ydf69H/wPuNe40Hwu3iH+xrK61FbmLVI7NmmKn7RGXKuygJhCpA6ls5zgdBT1vRdIi0W6vNG+3KbLUBZSG7lRvOyrEOAqjZyh4y3Uc1hjU7sax/aom/03z/tHm7R/rN27djGOvOMYpZNVvJbOe1kmzDcXAuZV2j5pACA2cZH3jwOOanXlXf8A4b/g/eVpzeX/AA//AABmnraNqVsupNItmZVE7REBgmfmIyDzj2roNR8KQ6ZBJFK9xLeS6q1laJCA3mRpjc+3qSd6beRnmuWrSudf1S7urK5nu3M1giJbSKArRhTlTkDkj1OT71Wml/6/r9Sden9f1+hv+IPDFrpGg/2nY+da3NtfC2eM6lb3ZJKlg2YceUwKH5TnrweDUmtpJr/iLwnFqdzPM19Y20c0zSbpG3SuCdxzzj1zWJe+LdX1CBYLmW3MAnFz5MdlDHG0oz85VUAYnODkHPGc4FN1DxRqmqfZftT2ytaFTA9vZQwNHtyQA0aA4BJOOmeaS6X7p/hqN+XZ/maVj4Tg1FZY4Z5I5jrUWmxs5BUI+/5iMDJG0dx3p3iXw5pem6W9zYXCxzw3XkmB9Utrp5kIOJAIuUwVwVOfvDng1nah4v1vU4vKurxVTzxc7YII4R5wz+8+RR83zHLdTxnoMV9U1++1lf8ATxaFt5kaSGxhhd2PUs6IGbr3J55pa2/ry/4P3j0v/Xn/AMD7iTwrp0Gr+LtL0+7z5FzdRxyAHBKluRntnpXU+JLOxuPCWoTy/wBm/wBo6ffRqBploIo4UfcDC0gAErDZnPzYx99snHBRyPDKksLtHIjBldTgqR0IPrWlq3iTVNbjCahPGyeYZWWKCOEPIersEUbm/wBpsnr603qrf10/r+mJaO/9dTKooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKkh/1oqOpIf9aKALNFFFAHZ63b2c8BsdWXSUv5NWWO0/spbcOtuSQ4fyPl/uY3/NnPbNUbvw74duNdbQtIvL2K/TU0slku9rJOpYqzhVUbNpA4LHdnt0HKC7nF99sD/6R5vm78D72c5x060s19cz6i9/JM32qSUzNKvyneTncMdDnnilFWSv8/w/yf3jlre3y/E6jXvDOj2FkJra8W2aO8FvJG+pW148kZz+9Cw8pjHKnP3hzUHiPQNO09oJNOjnGnSXJh/tL7fFdxuvHO2NFMbbTu2Md2O3FZd/4jv9SkSS8WxaRJfO3pp9ujO3q5VAXz3DZB70XfiPUb1IY5japFDL5ywwWMMMbP6siIFfjj5geCR3NNeYn5Gj4p0Oy0yFJ9Itp5LJpmjS/wD7Riuo5sDI+WNFMbEc7WOcduK5+1ga6vIbdFdmldUCxruYknGAOMn2q5qOvX+qWyW9ybeOBH8wRWtpFboWxjcRGqhjjjJzjJ9apW9xNaXUVzbSNFNC4eORTgqwOQR+NEbX1B7aHcXHgjTgtiyefbM+rRafcRf2jb3bEPn5sxD92w2t8rZ69eDVG80Tw7Hbm7g/tJLWz1RLK7aWWNmlQhiXQBMIfkPBLdRzWbceMtbuBEGuYY1iuVu0SC0hiXzlziQqiAFueSevGc4FU4tTluFks9Qu5I7K5uRcXBigV23gMNwBK5+8eNwHNGv9fL/g/eGn9fP/AIH3Gnr3hqHw/Y3P2qSRrs6g9vagEBXhQZaQ8c53Jjkd+tZvh3/kaNK/6/If/QxVjxPrg1zUYDB5v2Wzto7S288jeY0GAzY4yTk4GcZxk4zWVbXEtpdRXNu2yWFxIjYBwwOQcH3pwfLJNikrqx23iHwrbp4sttMaWRtR1i+LC5R1+zRRvKVCjj94w5yQwAI28nJEGreGtA0+OGdrlooor5YLiBdVtbqWWE5zKgj+4RjlWDfeHPBrn5PEWqy2pt5LstGbk3S5Rd0cpOSyNjKZPJCkA4HpUl3rs2t3Ea628EcRk3yz2mmwLMSc5JKhC556FvepirJL+un/AAV+JUndt/11LmveGofD9jc/apJGuzqD29qAQFeFBlpDxzncmOR361g2zW6XUbXkUksAPzpFII2YezFWA/I1qeJ9cGuajAYPN+y2dtHaW3nkbzGgwGbHGScnAzjOMnGaxaEDO58R6RpGpfEKPRNHs5tOlnuYomlaZGiVWVfuxrGuDzn7xzz61kX2maPc6DeajoiX1ubG5SGVLyZJPNVw21l2ou0gocr83XrxVG78R6nfC2NxNGZbYoYrhLeNJwUGFzKqh2wAOpPQelLqniTVNYtxBezReT5pmaOC2jgV5DwXYRqu5vc5PJ9ab20/rYS8ynp1k+papa2MTBXuZkhUnoCxAz+tbsmjaRf+Kbbw/o6XsMrXgtZLu7mR1f5tpYRBAV55xub0965tHaORXjZkdSCrKcEEdwa07/xJqepTRzXMkAuI5PNFxDaxRTF/7zSIoZjnnJJ5560+wtdTbsvD+h635b6WuoWscWpQWdwtzOkhkSViA6kIu1htPynd1HPBzHqOj6Bb6fNfWcWpPDY6iLO4SW5jDTgqxDLiMiM5Q8Hf161nXPi7WruWCSS5ijMFwLpBBaxQqZh/y0ZUUB246tnv6mqEmq3ktnPayTZhuLgXMq7R80gBAbOMj7x4HHNTrb+vL/g/eVpf+vP/AIB0HjtNEtvFFxb6dptxatHIhkxcp5bLsBIVBENp565PfirOt20OreI/Cto0t39ju7O2iRZXjaSGNpGXaGVFBwO5XPrmuevPEWo6gtv9ta2ma3KFJHs4TI20YUO+3c4wAMMSKnu/Fur3s1lLM9qsli6tbPDYQRGPacqMog+UE52nj2qlbS/cnXX0Nr/hGNDvZoRpp1CNI9Zi02driVGMqvn51AQbD8p4JbqOaqWPhODUVljhnkjmOtRabGzkFQj7/mIwMkbR3HesRda1BYZI0uSqyXS3bbVAPmrnDA4yMbj04q5qHi/W9Ti8q6vFVPPFztggjhHnDP7z5FHzfMct1PGegxK6X/ra/wCT+8b8v63/AM19xo+JfDml6bpb3NhcLHPDdeSYH1S2unmQg4kAi5TBXBU5+8OeDXJ1p6pr99rK/wCni0LbzI0kNjDC7sepZ0QM3XuTzzWZQr9Ru3QKKvanrN/rC2g1GfzhZW62sHyKuyNei8AZ69TzVGmIKKvanrN/rC2g1GfzhZW62sHyKuyNei8AZ69TzVGgAoq9qes3+sLaDUZ/OFlbrawfIq7I16LwBnr1PNUaACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAqSH/Wio6kh/1ooAs0UUUAUqKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAqSH/AFoqOpIf9aKALNFFFAFKiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKkh/1oqOpIf9aKALNFFFAFKiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKkh/1oqOpIf8AWigCzRRRQBSooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACpIf9aKjqSH/WigCzRRRQBSooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACpIf8AWio6kh/1ooAs0UUUAUqKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAqSH/Wio6kh/1ooAs0UUUAUqKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAqSH/Wio6kh/wBaKALNFFFAFKiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKkh/1oqOpIf9aKALNFFFAFKiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKkh/wBaKjqSH/WigCzRRRQBSooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACpIf9aKjqSH/WigCzRRRQBSooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACpIf9aKjqSH/AFooAs0UUUAUqKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAqSH/Wio6kh/1ooAs0UUUAUqKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAqSH/AFoqOpIf9aKALNFFFAFKiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKkh/1oqOpIf9aKALNFFFAFKiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKkh/1oqOpIf8AWigCzRRRQBSooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACpIf9aKjqSH/WigDe0vT7LUrVoXuRa3aOX3SfdaPAz+IwT/AJyKd/8AZft0g0/d9nGAhfq2AAT+Jyfx6DpVaigD/9k=)

You will have more than one variable and these variables will be in more than one class and these classes will be in one main traffic class.

Project Plan

Project Variables

**Variables And Classes**

1st Road Class

LaneA1, LaneA2

2nd Road Class

Lane B1, LaneB2

3rd Road Class

Lane C1, LaneC2

4th Road Class

LaneD1, LaneD2

Car Length

Car Width

Car Speed

Traffic Lights

Left Right Options

Lights And Times

After this step, we will create a flowchart and start coding our program according to that flowchart.