**Diagramas UML y de bases de datos para UdecDocs**

Ariel Camilo Sánchez López.

Yonatan Estiven Castañeda Rodríguez.

Ingeniería de Sistemas y Computación

Universidad de Cundinamarca Extensión Facatativá

2022

**Contenido**

[**Modelado de software** 4](#_Toc115297167)

[**Diagramas UML** 4](#_Toc115297168)

[**Diagrama de casos de uso** 4](#_Toc115297169)

[**Diagrama de clases** 5](#_Toc115297170)

[**Diagramas de secuencia** 5](#_Toc115297172)

[**Diagramas de actividad** 9](#_Toc115297174)

[**Diagramas de base de datos** 10](#_Toc115297175)

[**Diagrama modelo entidad relación** 10](#_Toc115297176)

[**Diagrama modelo relacional** 11](#_Toc115297177)

[**Bibliografía** 12](#_Toc115297178)

[**Webgrafia** 13](#_Toc115297179)

**Tabla de figuras**

[Diagrama 1. Diagrama casos de uso 4](#_Toc115297187)

[Diagrama 2. Diagrama de clases 5](#_Toc115297188)

[Diagrama 3. Diagrama Login flujo básico 5](#_Toc115297189)

[Diagrama 4. Diagrama Login flujo alterno 6](#_Toc115297190)

[Diagrama 5. Diagrama Registro Usuario UdeC flujo básico 6](#_Toc115297191)

[Diagrama 6. Diagrama Registro Usuario UdeC flujo alterno 7](#_Toc115297192)

[Diagrama 7. Diagrama Registro Usuario flujo básico 7](#_Toc115297193)

[Diagrama 8. Diagrama Registro Usuario flujo alterno 8](#_Toc115297194)

[Diagrama 9. Diagrama Publicar documento flujo básico 8](#_Toc115297195)

[Diagrama 10. Diagrama Publicar documento flujo alterno 9](#_Toc115297196)

[Diagrama 11. Diagrama de actividad Login usuarios 9](#_Toc115297197)

[Diagrama 12. Diagrama modelo entidad relación 10](#_Toc115297198)

[Diagrama 13. Diagrama modelo relacional 11](#_Toc115297199)

# **Modelado de software**

El [modelado](https://es.wikipedia.org/wiki/Modelado) de sistemas [software](https://es.wikipedia.org/wiki/Software) es una técnica para tratar con la complejidad inherente a estos sistemas. El uso de modelos ayuda al ingeniero de software a "visualizar" el sistema a construir. Además, los modelos de un nivel de abstracción mayor pueden utilizarse para la comunicación con el cliente. Por último, las herramientas de modelado y las de [Ingeniería de Software Automatizada.](https://es.wikipedia.org/w/index.php?title=Ingenier%C3%ADa_de_Software_Automatizada.&action=edit&redlink=1) pueden ayudar a verificar la corrección del modelo. (Wikipedia, 2012).

# **Diagramas UML**

## **Diagrama de casos de uso**

**Diagram

Description automatically generated**

Diagrama . Diagrama casos de uso

# **Diagrama de clases**

# Diagram Description automatically generated

Diagrama 2. Diagrama de clases

# **Diagramas de secuencia**

# Diagram Description automatically generated

Diagrama 3. Diagrama Login flujo básico

Diagram

Description automatically generated

Diagrama . Diagrama Login flujo alterno

Diagram

Description automatically generated

Diagrama . Diagrama Registro Usuario UdeC flujo básico

Diagram

Description automatically generated

Diagrama . Diagrama Registro Usuario UdeC flujo alterno

Diagram

Description automatically generated

Diagrama . Diagrama Registro Usuario flujo básico

Diagram

Description automatically generated

Diagrama . Diagrama Registro Usuario flujo alterno

# 

Diagram

Description automatically generated

Diagrama . Diagrama Publicar documento flujo básico

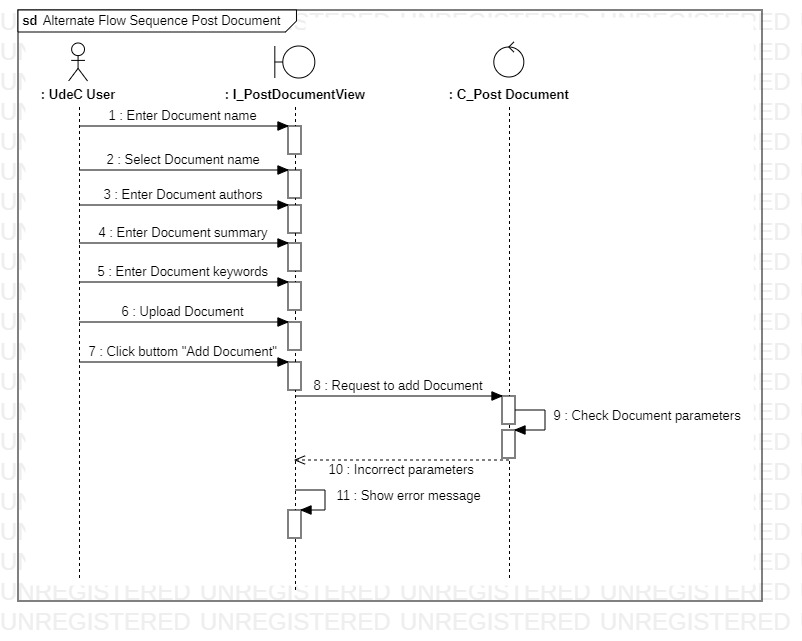


Diagrama . Diagrama Publicar documento flujo alterno

# **Diagramas de actividad**

Diagram

Description automatically generated

Diagrama . Diagrama de actividad Login usuarios

# 

# **Diagramas de base de datos**

## **Diagrama modelo entidad relación**

Diagram

Description automatically generated

Diagrama 12. Diagrama modelo entidad relación

## **Diagrama modelo relacional**

![Diagram

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4S4CRXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIyOjA5OjI4IDE5OjAyOjAzAAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAM2NQAAkpIAAgAAAAM2NQAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMjowOToyOCAxOTowMToxNgAyMDIyOjA5OjI4IDE5OjAxOjE2AAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAAHFUAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgAhgEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A9hv769Se5MJnZYiFEcKKf4QxJyD6mpbJ7+eRBLdSIWRyVaNcgq23+6OD16UAX/s9z/z/AD/9+1/wo+z3P/P8/wD37X/CgA+z3P8Az/P/AN+1/wAKPs9z/wA/z/8Aftf8KAD7Pc/8/wA//ftf8KPs9z/z/P8A9+1/woAPs9z/AM/z/wDftf8ACj7Pc/8AP8//AH7X/CgA+z3P/P8AP/37X/Cj7Pc/8/z/APftf8KAD7Pc/wDP8/8A37X/AAo+z3P/AD/P/wB+1/woAPs9z/z/AD/9+1/wo+z3P/P8/wD37X/CgA+z3P8Az/P/AN+1/wAKPs9z/wA/z/8Aftf8KAD7Pc/8/wA//ftf8KPs9z/z/P8A9+1/woAPs9z/AM/z/wDftf8ACj7Pc/8AP8//AH7X/CgA+z3P/P8AP/37X/Cj7Pc/8/z/APftf8KAD7Pc/wDP8/8A37X/AAo+z3P/AD/P/wB+1/woAPs9z/z/AD/9+1/wo+z3P/P8/wD37X/CgA+z3P8Az/P/AN+1/wAKPs9z/wA/z/8Aftf8KAD7Pc/8/wA//ftf8Kin+02yJKbouPMRSpRQCGYA9PrQAyK1Sa/vH3ypllyEkKg/KPSrcNpHDKZQ0jOV25eQtgfjQBPRQAUUAFFABRQAUUAFFABRQAUUAVzewh2UeaxQ7TthdgD9QKQ30KgkrMAOSTA/+FAAL6EgECY5GRiB+f0pftkX9yf/AL8P/hQA+K4jmZlTeGUAkMjKcHOOo9jUtABRQAUUAFFABVXUOLZf+u0X/oxaAEtcfbLzH95f/QRRqbRJZFp2RYvMj3lzgY3r1oApmbw/j/j404ds+YlYEE10tusTz+H2lQKrSyFcOdq7m+Vh3LADA6Z74oAckk6rGDe+HZCH+dmI5XPOMEc47dvet7ztA/576d/38T/GgC1pbiTS7ZgQV8pcEHqNoq5QBWvJJUEKxOEaSQIWK5wME/0pPIu/+fwf9+h/jQAeRd/8/g/79D/GsVtekjuGhkNzuDlMpbBhwQOufU0AbEcd3JGr/atu4A7WhGR9ead5F3/z+D/v0P8AGgDPu9RvbC7WBYWu9y7sogG35JD6+qL+f0rS+0S/8+U//fSf/FUAH2iX/nyn/wC+k/8AiqhuL24iVClhOdzhTynT/vqgCrBqkVqkrXStDvmYjeVx275xUt3eW09tPbXCyRq+6IjcAx+XJ24Oc4NAGWtpp8ZtJ4rjUH+yNEiJHcjo7BVDgEZBJBIPp9K3or2OckRDzCACQrqcdff2P5UARxsW1aXKMv7lOCR6v6VdoAKKACigAooAKq6h/wAey5/57Rf+jFoAS1x9svMdNy/+gin3v+oX/rrH/wChrQBnxadPYW6CTUJ7obolYzEk5DJyOeOh/T3zDpOsWYEds2oS3VxPiRMwOCFOAM9cdPUfhQAPcxRXkKvdzxsJpG8tYnKONzZBI49/b8a1bS/tr4Obd2bYcNlGXHX1A9DQAzS/+QbB/wBc1/kKuUAUNWRpIYVTJcy/KA5Xna2OQQf1rOW1vUUC63q/mIqmG7l2vkHPVsjmgBgTUxGHbTLlm+bMa6g2R028mTHrn8PetO2sRJbo863MMhHzR/bJG2/iGoAgubWVHcW0dxNhScG8kXBxwPvd6trYQsgO+55H/P1J/wDFUARW8CQatMEMhBhjPzyM/d/7xNaNABRQBQht4blbpJ4kkQzMCrjIPQ/0qo8UpmmeCzjndZyoZ3xsBVc/XoOPagBJ4DHpMMklpHbXD3NsJEjfcBidcDOB6k/iaWJr6zh3w6REmR+8RJRxgdsdf0oAt2ztLf8AmOhjdraJmQ9VJL8VfoAKKACigAooAKq6hzbLn/ntF/6MWgBLXAvLzHTcv/oIqa4iM8OxX2NuVgxGcEEHp+FAFSW21CVQpuocBlbiE9iCP4vaqHm3MGrpZo1orSIWLCFQcgg/38/xE9O9AF6O1v4wQLmA5Ytkw+pJ/ve5oS1vY3d0ltVaQ5dlt8FjjGT83PFAFqzgNtaxwltxRQufXAxU9AFW8/1lp/13H/oLUzUgDFECpYGUfKOp4NAGDLaWEllLJFYvMzANLBE+Xt2IxtAAyOnIPYDjtXRWEpmtFYwSQgfKqyZ3YHQnNAGZrkMcwAksproAk7Y+3yn2PPp05ptrDBFq9oBZywSGNyuDkEDg7uOo6dehXr2ANJf+QxL/ANcI/wCb1coAKKAMyRmt5pRHqFtHucsUkUEgn/gQqGKSSIyFdUsv3j7zlR1wB/e9qAEuTJdRLG+qWYAkSQYUdVYMP4vUCpftM3/QTsf++R/8VQA63mjS5eae/tnZlC/KwUADPufWrn260/5+oP8Av4KAHR3EEzbYpo3IGcKwNS0AFFABRQAVV1DBtlz/AM9ov/Ri0AJajF5eYOfmX/0EVboAKpPPCNYhiMqCTyX+TcM9V7UAXaKACigCref6y0/67j/0FqbqP+rhzu/1o+716HpQBkW2nx3koQ3GsRtGhAeSc4PI5zkjOf8AJFaEGjiGZJPt98+3+FpztY5zkigCLWNm07/t3LYH2NiG+6euD7fnTLU7dUtgJb1AUb93MSQ55wfvdsHt2HTuAW5J4oNXcyuE3QoBnuR5jH9AT+FaFABVY39sszRNLtKgksykJx1G7G3I54znigDPt9Rs1kug0Vw589vmSzkcHp0IUg1Muq6e5bbBdHacHFhNwf8AvigDNlkdrqWSG4u4o3JwP7NmYjjA+8pAx7AZ756GjCmqokwl1u8kZj+7P9isNg4/6Z8//X7dQAX7G7Md9I011d3MKrsMR0yQYfCkHIjHbPHT5u1aX9pWX/Pvd/8AgBN/8RQBWW7hn8Q2ggjmTFtNu8y3ePPzRf3gM1t0AFFABRQAVV1D/j2XnH76L/0YtACWoxeXgz/Ev/oIpZZJzeLDE0agxlyXQt3A9R60AO2Xn/PeD/vyf/iqx9Skaw1S0uZpZC0isgdEfyk+794eZgcc9OxoAfZa8l9emzinxMCRh7KRRwM/eLYPB6ZrV2Xn/PeD/vyf/iqAI5JbmCa3EkkLpJJsIWMgj5WP94+lXKAKt5/rLT/ruP8A0FqbqJCxQsW2gSg7sdODQBiDULc325vEBb5iGhjjXnIGB3PBzj/eA7jLBdC4eS3i8Q3InkPyEW4BTJHHzDHtzQBo6vOsHL372nU5VMlsKf5dfwNFtcK2pWqreFg0bHY6YLcnp6Djn/dHryAOu9OtdQ1c/aYlfy4VK5A7iRT+jGr/ANhs/wDn0g/79igA+w2f/PpB/wB+xVaTRbOUeXIpe2yXW2IHlq5ydw4yDye+BnI5oAqx6JZXUckcqvtinbZtbGBlTjj6Y+lV7qGNrlhILxtsrgGAIV5VRlg3fnjA9u+CAV1EQO57XW2MuEwVjAT14BAGfX04HQAXNMso7x/tP/EytzBMAsdwyjdhV7DOR9eePpQBDqaxm5nMkd/J/pWALQr3ij+9nqK1LPV0u7jyDbXEEmGIEwUZAOMgZzjnrj+lACXP/IwWP/XvP/6FFWlQAUUAFFABVXUObZf+u0X/AKMWgBLUEXl4D2Zf/QRUF6Lg3y/ZiPN8rjceMb1zn8KAKyXOo7ITJA4uGiZmgDjAO5RnPPGCTRLeanESE02eYDusyrn8/wA/pQBpWwklgV5RLC5JyhcHHPr79fxqvePPBMgh8yUmJ28vcBuIZAOT9TQBU1GC4vLSyWQtBK9wcgtv2/K/PQc4/Kp4dKmidAZxIynP2twPPPGNvTGPf04xn5qAK9xYTWrCZr2dw0pP3Qdud/PAz/EKY00aLsN48qGVNgKOdgC4PJySM88889aAK/8ApYRj/bbGV9wZvKYDB6YGCBjnpg+pNatpqUUNkgvLwSSqDvkEZUHn6ccUAQXd2J2f7LqDWxK8OIt2TjjqCKtjULL5GeQGRRjcYzn37UAJbzR3GqSyREsnlIudpHOX9fqK0KACigDHk1JNOFwzwyyAzH/VqT3Udeg69yKq3m17ll+3TWz/AGgsvldGAVSc9sf0/GgCxo9/bK32EXtzczMS486NvkBGdu7GOPrmtqgDnNRZPOu1a+uLVmuDtMKkknyo/T+vrWzZWj2olD3Us+99y+Yc7BgDA9uKAK9z/wAjBY/9e8//AKFFWlQAUUAFFABVXUObZf8ArtF/6MWgBLUEXl4D/eX/ANBFQX009veLJb2xuJfKwIw23OXUE5PoMn8KAKT3cl1FbXM9lcxSPAS1umfMX5046Z+uB0zUEax2kkSmHWX8uTeoXewYgY+YgDI6deOPrQB0w6dMVlav95cxzyfuH+W3Pzn54+lACYC2+nhY5Ix9ob5ZfvfdfrWtQAUmxf7o/KgA2L/dH5VT1SESaXcqNqny2OdoPagCa1hEdrGh2sQo52gVNsX+6PyoAAoHQAfhS0AFFAGFeWbyvJ/pl3auJSV8pXKuCVPO3rwCOuRk0OryyTBbqeCNnYlVhfLgqADkYI6H3oAZLcTWsSK+sSIGAjQtZMecHv3P19KnjmmkzIupytC8Y8sCzIIPqTjn6cUAMczPc3Dw3c1qrTbuLYvvXy0Hcccg1p/boP8Apr/35f8AwoAqu32jW7SWNX8uOCVWZkK4JaMgc/7p/KtOgAooAKKACquoZ+zLj/ntF/6MWgBLXP2y8z13L/6CKq6mkUlyqzIzoYxlVQMT+8XHB96AMlXtxo9qy3F0kQtTh3wsv3kxuwRj3ORx3HWkmltbVGka7u4AXZikY25yTzgNyTtbn2ycDIIAsl7aQyKJL7UyylpJMMwDrg+/A+n49Mi/fxJbW6JLc3GwQyEyqSZBmSMjHf2oAfEVNnpxVpmX7Q2DM2XPyv1OTWzQAUUAFUdWfytOkmZS8ceHkjU4Mijqo9/bv0PBoAk05t9hFIDlXy6/MThSSQOfQEVaoAKKACigAooAzNbhjubVILgyLas48xoly2QQVHfgng8H06Gr8Bka2iMoxIUBcY6HHNAElFABRQAUUAFFABVXUM/Zlx/z2i/9GLQAlrn7ZeZ67l/9BFPuLKK5dXYyK6gqGjlZOP8AgJGelAFf+yIfMEnnXW8AqD9pk6H/AIF7Csz7H/xPfJ8+68g/8tPtEv39v+r6+nzZz7UAav8AZcf/AD8XX/gTJ/8AFU06RCZA5mutwBAP2mTgHGf4vYUAOXTIllSQyTsyHcu+Z2AOCOhOOhNXqAM+0ijmhLySzFjI+f37j+Ijpmp/ssH/AD0m/wDAh/8AGgA+ywf89Jv/AAIf/GsjULe7M7JFafa7c9FlvGUZwpU9T33Z4/u470ANmGoQWw+xaWXfccxvqDIOTnOQT60+A6m1xAJ7ERwscSldQdinXkc89vz9sEA1vssH/PSb/wACH/xo+ywf89Jv/Ah/8aAIrm3iS1mdJZgyoxB+0P1x9ahs01Yl2nng2nO392T/ABtj+L+7toAt7b3/AJ7W/wD35b/4qjbe/wDPa3/78t/8VQAyS2uZwqSzxeWHVmCREE4OcZLHHIHbpn61coAKKACigAooAKKACquoZ+zLj/ntF/6MWgBLU5vLzP8AeX/0EVboAKqfZYvt/mYbP39u47d3TOOmcUAW6KACigDEi02Wdo7iK6aNVlbdHj5XAd859zkc+1V5WhT5JNQhtlLuRGSFJ/eNnnr7cfrngAsWha8Z1g1S2mK4L+XGpKg9OMcE4OM9semTOmn32/576NlEoYBYFBKcfKffg8jHX8gDR8qP/nmn/fIrDgmgie03X8SoqqHg2LydgwM+vzA4+lAGvA9pdIXgMUig7SVAOD/k1L5Uf/PNP++RQBDdxR/Yp/3a/wCrbt7VNF/qloAbcTGCEuE3nIULnGSSAP51F515/wA+a/8Af4f4UARz309rbS3E9sqRRIXdjL91QMk9PSqg8QwGLzd1uF8sSc3ABCngEjGRk8D1oAv+dd/8+a/9/R/hSNcXaqWNmMAZ/wBaP8KAHC/tfscV29xEkMoUq7OApz056VYLKuMsBnpk0AU4rq6liSRLMbXUMMyjofwqK+1VtNtHu7yFIoEIDOZc4JIA6D1IFAER12EKx32nyrvIF0pIGSM4+oI+oqW01Q38PnWa29xF/fhuVcfmKALHnXn/AD5r/wB/h/hUVxN52nxShcFposr1x+8WgCS1Oby8P+0uf++RVugAqvNIYZg/lSOhXBKDODn06/8A6qAG/bk/54XP/flv8KPtyf8APC5/78t/hQAfbk/54XP/AH5b/Cq91rCWyg/Zrlshj/qmHRSfT2oAn01t1krYIy7nBGD981izmZp1SP8AsrAaQj7W3zljI+ABjpx654oAd9rurf8A1NxocKvGTuE2Dx07cgZ6+9b8E8VxEJIZEkXpuQ5GaAJK5hpjGIAJ9Ii4TPnHMhG1Ooxwf6Y/AA0dAyba5JFpzcsc2r7lbgcnk8+3pitagCG8/wCPK4/65t/Knxf6paAINRDm0xGyq/mR7Sy5AO9eoyM/nWNbavf3catHJHGWVXAnsWTKlguR+9565/L1GQCs/iD7Sbu2luYGt402zSNp7mPDD7pPm/z96ns7cas1zPE9gzBvKlZrJgWOASP9Z7jPr9KALc95f2zyLLeWg2EZIs26HHP+s9TVqSLVfKf/AEyz+6f+XRv/AI5QBQ0zRfIhhu4LlhctHhvM3PHggZwm7g8dck9jkYxbbQ7doreMTXAEAUDMzknayt6/7H60AZdlq14JYtP81FZFjQSPZN5ZJRTgN5vP3gPrx3GY7rWpD5FvdTW8rMyOyrYswjIAkDH97wBgHPtQBWe604CPFxpziRwuFs2I57keb0/+t7VopJJpCBIp7KKGXyyuyyf5mYEDjzOOEAoA04f7TmhSVLyz2uoYZtG/+OVEm5dHh3kM4mi3FRgE+YvQc0AW7U5vLs/7S/8AoIq3QAUUAFFABSEA9RmgCtp//Hp/20k/9DNYdzDPL5/l6XHcKFkxK8gUbt8mAeRkAE/TPvwAJ5V/JAJk0e3MjkODHINp3A5bO8ZI459zg88XoP7RtU2RadGkZmOVVwTt5+blvoPw6c4ABZ06fUpWP261SEbARtYH5snI4J7YrKW2umaFk063lUqhDyPz91OcbvX2HT8wDR0KN4ra4Elj9kY3DHaGJD8AbhknA4x+FalAEF5/x43H/XNv5VVtNXsJlKrdRArnOXA6My+vqpoAjudVspZFtUuI2lMqYAYHOHj/APih+tPkv7e8th5L7smJ+n8JcYoAxo7yQTFT4gJit5IvMLRAcEjIJxzkjk9h6VvjVLMzJF5pDuoYAoRwTgZ44ORjBoAo6nLLHcny9Qe2XcAypEHJyFx/CcdxnjnHrU8VvqMVzK096JrXySApVQQ+evC9MZ7+npkgFrT/APkHwf7g/lVmgCvY/wDIPtv+uS/yFZFtYaqVSaDVClvIkbLCyKduEUYBIPBwT+J6daAL1jaX0TzC9u1uYnJKqVHGe3ToPx60XkN1PcTJaXP2eTZGS4UHjL5HINADYbTVIpUL6j5y+YC6sir8uDkDC85P07fQoDjSoz/03j/9GLQBZteby8OOrL/6CKt0AFFABRQAUUAYkV3eRTRQwxwvC0jb8th1Bd8tjPQYX86qT6eLuVmFkkjMXiaWSQgbTK2RtB5x1/HvzQAumaXGLuLdoYtUjA2u0u4gg5yAM91X3rpaACuej0yC6ltGl0yORWVS8+/BGEHOB16AUAaum6Zb6XDLFbbtkkplIYjgnHA9uBVygCG8/wCPK4/65t/KktoY4k3IgUtnJHfkn+ZP50ANubRZQXjVBNuBDMPQqT+ewflVWaG/kjCLFargrgjPABBx+goAPs1yAwFlY4YgsNvUj14oW2uVIKWlkpGMbQR06flQA7y74s5eC0beec59B/hT2OpMjL5dvyMfeNAFi1iMNtHE3VFAqagChHDqEEMcST27KihQTCew/wB+kgh1GG3jiE1uQihQfJPOB/v0APxqX/PW2/78n/4umCHURO8vnW+WVVx5J7E/7fvQA/Gpf89bb/vyf/i6jkia302NJCCwniyQMA/vFoAmtcfbLwgdWX/0EVboAKKACigAooAwH04faY55bS7aaKQsjRzDZwzlTtLYz856il+zySZaS1vFbcxAR48D5ywPJ68/5wKAH2sBtLp7hbfUXZwRtknVlGSTwN3HWr322b/nwuP++k/+KoAPts3/AD4XH/fSf/FVRhjdDayPZXZlhXoHTaTt2+tAF77bN/z4XH/fSf8AxVH22b/nwuP++k/+KoAjnup5beSMWE4LoVBLJ3H+9V6LiNQaAH0UAFFABRQAUUAFFABRQAVV1D/j2XP/AD2i/wDRi0AM8u5iuZngWJllIPzsQRgY9DTvMvs48q2/7+N/hQAnm32M+Vb/APfxv8KXzL7/AJ5W3/fxv8KAG+bff88rf/v43+FL5t9z+6t+P+mjf4UAAkviceVbf9/G/wAKXff/APPK2/7+N/8AE0ABkvh/yytv+/jf4UnmX2SPKt+P+mjf4UAL5l9jPlW3/fxv8KTzb7J/dW/H/TRv8KAASXxP+qt/+/jf4Uebff8APK3/AO/jf4UALvv/APnlbf8Afxv/AImjzL7GfKtv+/jf4UAJ5l9kDyrfn/po3+FLvv8A/nlbdf8Ano3+FACebfcfurfn/po3+FHm33/PK3/7+N/hQAebfZP7q34/6aN/hS77/H+qtv8Av43/AMTQAb7/AP55W3/fxv8A4mk82+xnyrf/AL+N/hQAvmX3/PK24/6aN/hSGS+H/LK3/wC/jf4UAHm33/PK3/7+N/hR5l9x+6t+f+mjf4UAKHvyM+Vbf9/G/wDiaN9/n/VW3/fxv/iaAE8y+5/dW/H/AE0b/CmSLd3CokiQKnmKxKuSflYH09qAP//ZAP/hMehodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6eG1wPSJodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvIj48eG1wOkNyZWF0b3JUb29sPldpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQ8L3htcDpDcmVhdG9yVG9vbD48eG1wOkNyZWF0ZURhdGU+MjAyMi0wOS0yOFQxOTowMToxNi42NDU8L3htcDpDcmVhdGVEYXRlPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAMCAgMCAgMDAwMEAwMEBQgFBQQEBQoHBwYIDAoMDAsKCwsNDhIQDQ4RDgsLEBYQERMUFRUVDA8XGBYUGBIUFRT/2wBDAQMEBAUEBQkFBQkUDQsNFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBT/wAARCAHRA3cDASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwD9U6KgjulmmkjAYMnUkcV8w/DP4Z3HxavPiDq2rfEDx5pz2XjDV9Ohg0rxLcW9vHBHcNsVU3EKFVtoC4ACjigD6lor58tfgb4WvvDZ8QW3xm8fXGgLG87arF45le1EaZ3OZQ23au1snOBg56Vzfibwx8J/Bc1nF4h/aS8R6DLeW6XdtHqfxKFu00DfdlQPICyN2YZB7GgD6norwnTv2b9J1jT7a+sPir8Sb2xuY1mgubfxlPJHKjDKurqSGBBBBBwQa5/4RfCe78RJ4xS6+I3xA2aZ4ju9Ntx/wkEjkRRLGFyzqxJOSTzjJOAOlAH0tRXlX/Cg/wDqo3xA/wDB5/8Aa6P+FB/9VG+IH/g8/wDtdAHqtFeVf8KD/wCqjfED/wAHn/2uj/hQf/VRviB/4PP/ALXQB6rRXlX/AAoP/qo3xA/8Hn/2uj/hQf8A1Ub4gf8Ag8/+10Aeq0V5V/woP/qo3xA/8Hn/ANro/wCFB/8AVRviB/4PP/tdAHqtFeVf8KD/AOqjfED/AMHn/wBro/4UH/1Ub4gf+Dz/AO10Aeq0V5V/woP/AKqN8QP/AAef/a6P+FB/9VG+IH/g8/8AtdAHqtFeVf8ACg/+qjfED/wef/a6P+FB/wDVRviB/wCDz/7XQB6rRXlX/Cg/+qjfED/wef8A2uj/AIUH/wBVG+IH/g8/+10Aeq0V5V/woP8A6qN8QP8Awef/AGuj/hQf/VRviB/4PP8A7XQB6rRXlX/Cg/8Aqo3xA/8AB5/9ro/4UH/1Ub4gf+Dz/wC10Aeq0V5V/wAKD/6qN8QP/B5/9ro/4UH/ANVG+IH/AIPP/tdAHqtFeVf8KD/6qN8QP/B5/wDa6P8AhQf/AFUb4gf+Dz/7XQB6rRXlX/Cg/wDqo3xA/wDB5/8Aa6P+FB/9VG+IH/g8/wDtdAHqtFeVf8KD/wCqjfED/wAHn/2uj/hQf/VRviB/4PP/ALXQB6rRXlX/AAoP/qo3xA/8Hn/2uj/hQf8A1Ub4gf8Ag8/+10Aeq0V5V/woP/qo3xA/8Hn/ANro/wCFB/8AVRviB/4PP/tdAHqtFeVf8KD/AOqjfED/AMHn/wBro/4UH/1Ub4gf+Dz/AO10Aeq0V5V/woP/AKqN8QP/AAef/a6P+FB/9VG+IH/g8/8AtdAHqtFeVf8ACg/+qjfED/wef/a6P+FB/wDVRviB/wCDz/7XQB6rRXlX/Cg/+qjfED/wef8A2uj/AIUH/wBVG+IH/g8/+10Aeq0V5V/woP8A6qN8QP8Awef/AGuj/hQf/VRviB/4PP8A7XQB6rRXlX/Cg/8Aqo3xA/8AB5/9ro/4UH/1Ub4gf+Dz/wC10Aeq0V5V/wAKD/6qN8QP/B5/9ro/4UH/ANVG+IH/AIPP/tdAHqtFeVf8KD/6qN8QP/B5/wDa6P8AhQf/AFUb4gf+Dz/7XQB6rRXlX/Cg/wDqo3xA/wDB5/8Aa6P+FB/9VG+IH/g8/wDtdAHqtFeVf8KD/wCqjfED/wAHn/2uj/hQf/VRviB/4PP/ALXQB6rRXlX/AAoP/qo3xA/8Hn/2uj/hQf8A1Ub4gf8Ag8/+10Aeq0V5V/woP/qo3xA/8Hn/ANro/wCFB/8AVRviB/4PP/tdAHqtFeVf8KD/AOqjfED/AMHn/wBro/4UH/1Ub4gf+Dz/AO10Aeq0V5V/woP/AKqN8QP/AAef/a6P+FB/9VG+IH/g8/8AtdAHqtFeVf8ACg/+qjfED/wef/a6P+FB/wDVRviB/wCDz/7XQB6rRXlX/Cg/+qjfED/wef8A2uj/AIUH/wBVG+IH/g8/+10Aeq0V5V/woP8A6qN8QP8Awef/AGuj/hQf/VRviB/4PP8A7XQB6rRXlX/Cg/8Aqo3xA/8AB5/9ro/4UH/1Ub4gf+Dz/wC10Aeq0V5V/wAKD/6qN8QP/B5/9ro/4UH/ANVG+IH/AIPP/tdAHqtFeVf8KD/6qN8QP/B5/wDa6P8AhQf/AFUb4gf+Dz/7XQB6rRXlX/Cg/wDqo3xA/wDB5/8Aa6P+FB/9VG+IH/g8/wDtdAHqtFeVf8KD/wCqjfED/wAHn/2uj/hQf/VRviB/4PP/ALXQB6rRXlX/AAoP/qo3xA/8Hn/2uj/hQf8A1Ub4gf8Ag8/+10Aeq0V5V/woP/qo3xA/8Hn/ANro/wCFB/8AVRviB/4PP/tdAHqtFeVf8KD/AOqjfED/AMHn/wBro/4UH/1Ub4gf+Dz/AO10Aeq0V5V/woP/AKqN8QP/AAef/a6P+FB/9VG+IH/g8/8AtdAHqtFeVf8ACg/+qjfED/wef/a6P+FB/wDVRviB/wCDz/7XQB6rRXlX/Cg/+qjfED/wef8A2uj/AIUH/wBVG+IH/g8/+10Aeq0V5V/woP8A6qN8QP8Awef/AGuj/hQf/VRviB/4PP8A7XQB6rRXlX/Cg/8Aqo3xA/8AB5/9ro/4UH/1Ub4gf+Dz/wC10Aeq0V5V/wAKD/6qN8QP/B5/9ro/4UH/ANVG+IH/AIPP/tdAHqtFeVf8KD/6qN8QP/B5/wDa6P8AhQf/AFUb4gf+Dz/7XQB6rRXlX/Cg/wDqo3xA/wDB5/8Aa6P+FB/9VG+IH/g8/wDtdAHqtFeVf8KD/wCqjfED/wAHn/2uj/hQf/VRviB/4PP/ALXQB6rRXlX/AAoP/qo3xA/8Hn/2uj/hQf8A1Ub4gf8Ag8/+10Aeq0V5V/woP/qo3xA/8Hn/ANro/wCFB/8AVRviB/4PP/tdAHqtFeX/ALOGtXniD4NaBe399calfMbgS3F1K0kjEXMqjLEknAAA56ACigD0Cy/5CN39RXjv7Nf/ACAfip/2Pmv/APo817HJbzQXTTwqsgcYdCcH8DXkH7Ln7zSfiZ5iY3ePtcyp5/5eOnvQB4r4B0+NfgnpXwtMG/TvE2nW2smLYDH9haBpb5GHQq00BVh/0+D1rX+HGueOdB8TRXPgrwro3iqWP4deH5J7XVNdl0yQlRdFFh22k4dm+YfMUAOOTk4+qbXwrotktqtvpFhAtrbNZW4jtUUQ27bd0KYHyodq5UYB2rxwKfpvhvSNGnE+n6VZWE32eO08y2t0jbyI93lxZUA7F3NtXou44AyaAOK/Z5sYLX4UaTc29xbzrqklxqrpZqVhgkuJ3meFAQCBGzsnIBypyqnIFT4Bf81G/wCxz1L/ANp16LpWjafokU0en2NtYRzzvcypawrGskrtueRgoGWYkkseSeTXnXwC/wCajf8AY56l/wC06APVaKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAPIP2V2t/wDhSvh0J/r/APSt3B/5+pfwoo/ZYt3/AOFL+HZ3IAIulVV9PtUvJooA9fr5o+E/wiXxFqHxGuU8Y+LNHT/hM9Uxa6TqS28ILSB2O0JydznkknAA7Cvoy3ummup4yAFjPB715r8Av+ajf9jnqX/tOgA/4UH/ANVG+IH/AIPP/tdH/Cg/+qjfED/wef8A2uvVaKAPKv8AhQf/AFUb4gf+Dz/7XXT/AA7+Hdl8NdKvrGyvtQ1H7beyX89zqUqyzPK4RWJZVXOdoOSCckkmuuooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAPKf2XP+SF+Gf8At6/9KpaKh/ZXuRJ8EPD0ZXayG6/EfapeaKAPS7L/AJCV2D1yDXnfwC/5qN/2Oepf+069Knsd8wljkaKXGCwGQfqK8y/Z/VlT4ih23t/wmWo5bGM/6vtQB6xRRRQAUUUUAFFfP3gnwTf/ABJ1XxxfXvjjxhp32LxNfWEFtpmrNFCkSMrKApVsY3kYBAwAAK6z/hQf/VRviB/4PP8A7XQB6rRXlX/Cg/8Aqo3xA/8AB5/9ro/4UH/1Ub4gf+Dz/wC10Aeq0V8yeItQ+E/hHWrvR9e/aUvdE1e0cJcafqPjy0t7iFiAdrxuQynBBwQOCK7rSfgzZa9pttqOm/FHxvqGn3UazQXdr4hEkUyMMq6OqEMpByCCQaAPYaK8q/4UH/1Ub4gf+Dz/AO11T1b4M2Wg6bc6jqXxR8b6fp9rG0093deIRHFCijLO7sgCqAMkkgCgD2GivEr74Y6HptrplzefGDxfa22pzRwWE03iZES7kkGY0iYqA7MOgXJbtmtj/hQf/VRviB/4PP8A7XQB6rRXlX/Cg/8Aqo3xA/8AB5/9ro/4UH/1Ub4gf+Dz/wC10Aeq0V5V/wAKD/6qN8QP/B5/9ro/4UH/ANVG+IH/AIPP/tdAHqtFeVf8KD/6qN8QP/B5/wDa6sfs56tfa38GfD17qV7cahezfaPMuLqVpJGxcygZYkk4AAGT0AFAHptFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV8/eCfBN/8AEnVfHF9e+OPGGnfYvE19YQW2mas0UKRIysoClWxjeRgEDAAAr6Bryr4Bf81G/wCxz1L/ANp0AH/Cg/8Aqo3xA/8AB5/9ro/4UH/1Ub4gf+Dz/wC116rRQB5V/wAKD/6qN8QP/B5/9ro/4UH/ANVG+IH/AIPP/tdeq0UAeN618H9O8NaTearq/wAVfG2laXZxtPdXt74iWGCGNRlnd2QBVA5JJAFcp4Nt/hv8RdYOk+E/2h9W8T6osTTmy0bxtbXc4jBAZyke47QWUE4wMj1rpv20/wDk0n4v/wDYsX//AKJavEdD1bxN4o+Kn7PeheMtG0nwgmj6Q/iDRNQ0nVZb9tadLMQNYlpLaAQtslErJlwwVcE7SQAe/SfAdYY2d/iR4+VFBJZtdwAB1JOyqeh/CDTfE+l2+p6P8VvGuq6ZcrvgvLHxEs0Mq5I3I6oQwyCMg9q8R0H44eO7rSfhh4uvfFr6ovj7Wr3R73wW1naJbadEqXBJt2WNbjzYPIXeZJZFIZ/lXKleK+H/AMTfH2kfCn4FeCfB/wDb1lbah4Y1HVZ77w2ukG9kkhl2JEP7UcQCJfMMkm3MmFXGBuIAPrP/AIUH/wBVG+IH/g8/+10f8KD/AOqjfED/AMHn/wBrrc+CfivV/HXwl8JeINeisodY1HTobi6Gm3UNzbGRhy0UsTvGyt94FHYYIwTXc0AeVf8ACg/+qjfED/wef/a6P+FB/wDVRviB/wCDz/7XXqtFAHlX/Cg/+qjfED/wef8A2uuW8SeD9Q+Gfjr4YTWXjfxbqcOreJDpt5Z6tqnnwSwnTr2bBXYOQ8EZznsfWvfq8i+PTFPEvwcKkqR4zHIOP+YTqVAHrtFZmlyvJI4d2YAdyT3rToAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA8g/ZZumb4LeG4DHtwLoht2cj7VL2op/7LNqifBHw5MSWdvtQyT0H2qXgUUAeuV5V8Av8Amo3/AGOepf8AtOvRrOR2vrpSzFVIwCeBXnPwC/5qN/2Oepf+06APVaKKKACiiigDyr4Bf81G/wCxz1L/ANp16rXlXwC/5qN/2Oepf+069VoAKKKKAPAvj1/yX/8AZ6/7DOp/+kD1xf8AwuDx63xcb4P/APCSIPFo8XC/+3fZ7bzj4YMZuciPy9uAR9l37d2SDnd81fT1/wCH9L1TUdPv77TLS8vtOdpLK6uIEeS1ZlKs0TEEoSpKkqQSDg8Vwvhr4Q3Fj8Ztf+I2vaxb6xql1Yx6RpVva6f9lTTrFZGkKFjI7SyuzAs+VGEUBF5yAfNnwz+PHxF1DRfh34tvvHLa/JrfjjUPCl34ZWws44HgjluwjqywrMLhFiRiwcxlV5Tkub3wS+LPxJ+LmsaEvie21CXwt40TVrO/sdSm0OGytUTeqLp6RTm+kZNuyVZ1YjcThcV7n8Ff2a/C/wAIbGznl0/SNc8VWst2Y/E76TFDerDPcSTeSshLOFXzWXAbB5OBnFdvo/wz8IeHfE+o+JdK8K6JpniLUgRfavZ6dDFd3QJBPmzKod8kA/MTyBQB8O+D/FWrapD4X8P3FpHrmr/ATSdav9QsnYNJJqFsr2mmF1UjiSHzJh04wRz93upvid48sU8P6Y/xIvPEo8beAdS8QyypZaej6NNDBHIktr5duv7lmlaMrOsxyq4YENu+t9L8J6HourarqunaLp9hqmrOkmoX1tapHPeMi7UaZ1AaQqvALE4HA4rL8L/CjwT4Hu9VufDng7QNAudV/wCQhNpelwWz3nLH98UQGTlmPzZ5Y+poA+KPCvxI+JXhfwL8JPBfhrWPEtzC3w/bxG19p6aCtzJIPLVIpGvzDGLSEN85RTMQ6kyDlj9tfDDxFqfi74c+Gda1i2trLVtQ063ubq3s7mO4hSRkVmEcsbOjrknDKzAjGCetZU3wD+GNx4esNBl+HHhKXQtPma5stLfQ7Vra2lY5aSOIx7UY92UAnua7tI1hjVEUKigAKowAB0AFAElFFFABXiP7M80q/BLw6BI4AN1gBj/z9S17dXh37NP/ACRXw59br/0qloA9xooooAKKKKACiiigAooooA+fvBPgm/8AiTqvji+vfHHjDTvsXia+sILbTNWaKFIkZWUBSrYxvIwCBgAAV1n/AAoP/qo3xA/8Hn/2uj4Bf81G/wCxz1L/ANp16rQB5V/woP8A6qN8QP8Awef/AGuj/hQf/VRviB/4PP8A7XXqtFAHlX/Cg/8Aqo3xA/8AB5/9ro/4UH/1Ub4gf+Dz/wC116rRQB5V/wAKD/6qN8QP/B5/9ro/4UH/ANVG+IH/AIPP/tdeq0UAeL3Hwn0q01yz0Wf4s+MoNZvIpLi206TxIq3E8cZUSOkZTcyqXQMwBA3DOMil0v4TaTrd3qVtp3xa8Zahc6bP9lvobXxIkj2s21X8uVVUlH2urbWwcMDjBFc98SFNn+2t8HLy4IhtZ/DuvWMUrkBXnZrSQRj1YpG7Y9FNeQabrvjSx8Q/F6bwBestxrfxREG3TLvTotTvbWLT7dbldP8At+bZ5kaNtyuD8qPjBwwAPpL/AIUH/wBVG+IH/g8/+10f8KD/AOqjfED/AMHn/wBrr59vv2hfHuuaP8PvDuhXfjC51HUtZ1jTdUv7fS9FsteSSxzi1K3Ux08yfMGaSPh1QmNVycdB8M/il8TPiH8S/hzoOr+I18OwXfhe61TVYdJTTrw3k9vfpErCZPPjTegKyLGzAbnClGCsoB7F/wAKD/6qN8QP/B5/9ro/4UH/ANVG+IH/AIPP/tdeq0UAeVf8KD/6qN8QP/B5/wDa6P8AhQf/AFUb4gf+Dz/7XXqtFAHlX/Cg/wDqo3xA/wDB5/8Aa6P+FB/9VG+IH/g8/wDtdeq0UAeVf8KD/wCqjfED/wAHn/2uqOtfBB9N0e/u4/iL49aS3t5JUD64SpIUkZwnTIr2OsrxX/yK+s/9eU3/AKA1AHk1r8S9a8M/sn+GPGaump64fD+k3MsuoBnE0kqQLI74ZSSd7NnI5/Ku2+JvjS+8F/8ACJ/YYreX+1vEFppU/wBoVm2xS79zLgjDDaME5HXINfJmrfCmRf2NvD2onxx4yZZNA0eT7E2rE2y7vs/yqmzhVz8ozxgelel/Gz4J/YP+EB/4r7xvc+d4t0+H/SNZ3bM7/mX93wwxwe2TQB9QUV5V/wAKD/6qN8QP/B5/9ro/4UH/ANVG+IH/AIPP/tdAHqtFeVf8KD/6qN8QP/B5/wDa6P8AhQf/AFUb4gf+Dz/7XQB6rRXlX/Cg/wDqo3xA/wDB5/8Aa6P+FB/9VG+IH/g8/wDtdAHqtFeVf8KD/wCqjfED/wAHn/2uj/hQf/VRviB/4PP/ALXQB6rXEf8ACbX3/C6P+ER8m3/s3+wP7V83a3neb9p8rbu3Y27ecbc579qwf+FB/wDVRviB/wCDz/7XXmn/AApP/jJD7F/wn3jf/kUvO+0/2x++/wCPzbt3bPu98Y680Ae0eFfGt9rnxI8c+HriK3Sz0L7D9mkjVhI3nws77yWIOCOMAcdc9awvgF/zUb/sc9S/9p15p4F+Cf2j4zfFG2/4T7xvF9n/ALL/AH0es7ZJd1sx+dvL+bHQegpvwW/Z88Eawnj+416zvNevrfxXqEL6hqF/OZ5VXZguUdQxweuKAPqKivlvwnpf7PPjS+06203QdbRNSYR2V9qOk65YWN0xBKrFd3EaQuzYO0K5LY+XNb7fDT4EjQl1hdLaWyfUX0iPyZdQklluklaJ4kiVjI7BkbO1SMKzZ2gmgD6For5k+NH7PvgLQIfBR0/RJLQ3ninT7Ocx6hdDzIZHYOh/edGA5ru3/Zu+FseoR2J8Lz+dLE0qss96YgqlQQZA+xWywwpIZgGIBCsQAeoa1omneJtIvNK1fT7XVNLvI2gubK+gWaGeNhhkdGBVlI4IIINUdQ8E+HdV/sb7boGl3n9iyLNpZuLKN/sEgXarwZU+UwX5QVwQOOleM+Lvhj8C/AsesPrWlSW39lWUeoXaQyahO6QSSNGjKsbMzlnVlCqC2e3Iqj4P8D/Anxxrf9j2PhvWdP1RomnjtfEGm6zo8k6KQGaEXiRebtyu7Zu27lJxkZAPZtP+FXgrSvF1/wCKbLwdoNn4mv0ZLvWrfTII724VsblkmCh2B2rkEnOBnoKg1v4N+AfE3hvT/DmseBvDeq+H9PfzLPSb7Sbea0tmwRujhZCqHDMMqB94+prifEX7P/wh8JaFfaxq2g/ZNNsommnm+2Xj7EHU7Vck/QAmtJf2X/hiwBHhnjGR/p91/wDHKAPULe3itIY4YYkhgjUIkcahVRQMBQBwABwAKnr5a+AfwN+Hur/s4/DbxHrmhXWp6jfeG9Mury4S4vbiaaaW3jLOVjcliWckkLgck4AJHqH/AAy78Mv+hZ/8n7r/AOOUAeq0V5Dafs1fCm+RnttBjuY1domeLUrlgHVirKSJeoIKkdQQQas/8Mu/DL/oWf8Ayfuv/jlAHqteQ/Hz/kZPg5/2OY/9NOpVZ/4Zd+GX/Qs/+T91/wDHK8/+JHwX8G/D3xz8H9S0DRvsF8/i0wNL9qmkyh0rUSRh3YdVXnGeKAPoDSf9c/8Au/1rVrK0n/XP/u/1rVoAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA8p/Zc/5IX4Z/7ev/AEqloqD9lcyj4I+HhIAY83RRs/8AT1LxRQB6ZbsItTuFc4L4K571538Av+ajf9jnqX/tOvT5rWK5A8xA2Oh715b+z/GsKfEVEGFXxlqIA/790AesUUUUAFFFFAHzb8Nfgn4H8cat8StY1/Rvtt8fF2oI832udPlUR4G1HA4HtWb4T0v9nnxpfadbaboOtompMI7K+1HSdcsLG6YglViu7iNIXZsHaFclsfLmvSPgf/x5/E7/ALG/VP5JXnX7P/w18XeNfg78M/8AhIfFOiz+DrOKx1S20nTtBmt74tARJAkt215IjBXVSxWBC23A2gkUAbjfDT4EjQl1hdLaWyfUX0iPyZdQklluklaJ4kiVjI7BkbO1SMKzZ2gmsn40fs++AtAh8FHT9EktDeeKdPs5zHqF0PMhkdg6H950YDmud+FIuvh7eP8AELXrtNT8Ix+INc051khCDw6JNRlH2sNuwyuw2yuwyqshG1Vk3eyfHyRZrT4eOrB0bxlpRDKcggu2CDQBA/7N3wtj1COxPhefzpYmlVlnvTEFUqCDIH2K2WGFJDMAxAIViK0f7P8A8IZPEc+hLoW7VYLWO9kt/tl58sLu6q+7ftOWRxgHPHIwRWd+0D4k8RaHr1zHoF9fQTr4N1e6SG1Zj+9Sa0CyqgBDSKrPtOCRkgdTWT8AbrwlefGLXpPBHi298ZeHz4ZsNt/ca3NrUXmfarveEvJnkZ2zjcnmsE+UbUzggHd/8Mu/DL/oWf8Ayfuv/jlH/DLvwy/6Fn/yfuv/AI5XqtFAHzJ8Pf2ffAWqfE74qafd6JJPZaZqNjDZwvf3W2FH0+3kdV/edC7Mx9ya7rT/ANm34W6paieHwvOkZZkxcXF9A+VYqfldwcZBwcYYYIJBBNv4Xf8AJYvjP/2FtO/9NdtXlnhmx1L4meIND0vV/FfiWLS20vxBNPb6ZrV1YvPLHqyJAzTwuso8tQVUKwGCVIK/LQB6Wv7Nfwqe8e0GgRm6WNZmhGpXO8ISQGK+bkKSrAHoSp9Ks/8ADLvwy/6Fn/yfuv8A45Xl37Pt1Z6n8VtD1bWvEF7ceKdT+H+lTw293rU+LzDzrPKtqZBHIV/dFmCEqX3ZBclvqagDyr/hl34Zf9Cz/wCT91/8co/4Zd+GX/Qs/wDk/df/AByvVaKAPKv+GXfhl/0LP/k/df8Axyud/ZetYrH4E+F7aBNkMK3EaLknaq3MoAyeTwO9e714d+zT/wAkV8OfW6/9KpaAPcaKKKACiiigAooooAKKKKAPKvgF/wA1G/7HPUv/AGnXqtfNvw1+Cfgfxxq3xK1jX9G+23x8Xagjzfa50+VRHgbUcDge1ZvhPS/2efGl9p1tpug62iakwjsr7UdJ1ywsbpiCVWK7uI0hdmwdoVyWx8uaAPqSivnpvhp8CRoS6wultLZPqL6RH5MuoSSy3SStE8SRKxkdgyNnapGFZs7QTWT8aP2ffAWgQ+Cjp+iSWhvPFOn2c5j1C6HmQyOwdD+86MBzQB9N0V4+/wCzd8LY9QjsT4Xn86WJpVZZ70xBVKggyB9itlhhSQzAMQCFYjE174R/BDwzeXtrqWk/Zp7O3hup0+03z7IppjDG2Vcg7pFK4GSMZIA5oA97orxa/wDgB8IdL1fS9LudB8u+1NpFtI/tl43mmNC7/MJCBhQT8xGe2TWp/wAMu/DL/oWf/J+6/wDjlAHbeMfAvhv4iaOdJ8VeH9L8S6X5iy/YdYsoruDev3W2SKy5GTg4yM1R1D4T+CdW8G2/hG+8G6BeeFLfb5Gg3GlwSWMW0krsgZTGuCSRheM8Vy//AAy78Mv+hZ/8n7r/AOOUf8Mu/DL/AKFn/wAn7r/45QB0l98IvAuqeD7Xwle+C/Dt54UtSDb6FPpUD2MJBJUpAUKKQScYUYya1rDwboGl3lheWmiabaXdhaf2faXEFpGklvbZB8iNgoKx5VTsGF4HHFcL/wAMu/DL/oWf/J+6/wDjlH/DLvwy/wChZ/8AJ+6/+OUAeq0V8yftA/s++AvC/wAKdT1LStEksb6O7sEWeLULoMqvewIw/wBZ3VmU+xNd1d/s3/C2zuLSCTwxOXupDHGYp76RVIVmy7K5Ea4U/MxAJwoOSAQD2GivIrr9mf4V2NtNc3Hh+O3t4UaSSWXUblURQMlmJlwAACST0qSP9mH4XzRq6eGw6MAwZdQuiDnoQfNoA9Zoryr/AIZd+GX/AELP/k/df/HKP+GXfhl/0LP/AJP3X/xygD1WsrxX/wAivrP/AF5Tf+gNXn//AAy78Mv+hZ/8n7r/AOOVmeJv2YvhnB4b1WRPDWHS0lKn7fdHBCMR/wAtKAF+BulWWufAD4cWOo2dvqFlL4d0vzLe6iWSNsW8TDcpBBwQCMjqBXrOo6TZat9m+22dveG2mW5g+0RK/lSrnbIuQdrDJww5GTivL/2d1CfAz4ZKBhV8OaWAPb7LHXr1ABRRRQAUUUUAFFFFABRRRQAVS/smx/tb+0/sdv8A2l5P2b7Z5S+d5W7d5e/G7bu+bbnGeau0UAUbbSrKzv7y+gsreC9vNn2m4jiVZJ9g2pvYDLbQcDJOBwK8x+B//Hn8Tv8Asb9U/kleuV5V8Av+ajf9jnqX/tOgDzP9n/4a+LvGvwd+Gf8AwkPinRZ/B1nFY6pbaTp2gzW98WgIkgSW7a8kRgrqpYrAhbbgbQSKw/hSLr4e3j/ELXrtNT8Ix+INc051khCDw6JNRlH2sNuwyuw2yuwyqshG1Vk3fXtFAHk3x8kWa0+HjqwdG8ZaUQynIILtgg1z37QPiTxFoevXMegX19BOvg3V7pIbVmP71JrQLKqAENIqs+04JGSB1NdL+0B/x7/D7/sc9K/9GNXqtAHwx4suPDF/onxKb4feMbnxZpLeFdIFvql7q0+u26T/ANpTbsXUsjPKQ23dEJjtwABHu59Q8TN8RtI8dSr4p13Q9X1u28P39z4L/sHRZtOju9RMLLNFKs1zc7pEQIyIrAMrSsVbZ8v0J4h1qDw5oOpavcpJJbafbSXUqxAFisaFyACQCcA4yQM9xUmj6pHrWk2WoQq6Q3cCXCLIAGCsoYAgEjODzgmgD441TxHot54L8TWXgnxlqfjPTJfCV1N4la91+fVxZagrQiJXEsjG0lbdcBoFEYwv3F2DH2lD/qY/90fyqSigD5p8D6le6P8AsH/De7sLueyuk8MeHws9tIyOAVtVIDAgjIJB9QSKrTWmpf2hdeKpPE/iOS/tviINKtrYaxcpZR2UlzHC8BtlcRSKVZyGkVmUsNpXauPSf2UP+TX/AIRf9ijpX/pJFXoupa1ZaTcWEN3P5Ml/cC1tlKsfMk2s+0YBx8qMcnA469KAPIv2U7XRdP8ABniOy0zVbnUr238TarHqEN3rM+oS2kv2uQqjCWR2hJjMbbRt3bt5BLFj7dVG7u5ree0jjsp7lJ3KSTRGPbbgKzbnDOCQSAvyhjlhkAZIvUAFeQ/Hz/kZPg5/2OY/9NOpV69XkPx8/wCRk+Dn/Y5j/wBNOpUAek6T/rn/AN3+tatZWk/65/8Ad/rWrQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQB45+yvNJ/wpvw7EZN0YF0RwOD9ql4oq3+y3GqfAvw0VUAsbokgdf8ASpqKAPVVkRmKhgWHUA8ivLfgF/zUb/sc9S/9p16LZf8AIRu/qK86+AX/ADUb/sc9S/8AadAHqtFFFABRRRQB5V8Av+ajf9jnqX/tOvVa8q+AX/NRv+xz1L/2nXqtABXlX7QH/Hv8Pv8Asc9K/wDRjV6rXlX7QH/Hv8Pv+xz0r/0Y1AHodxrVla6xZ6VLPtv7yOWaCHax3pGVDtkDAxvXqRndxnmtKvC/i78OfDniv44eBL3X/CKa3bz6Rqulf2l/YrXotpJRBsDzLG3kAp9oAd2VfmZc5bB8t8VWmo+JPhbr91rltc3s/hSSw8IQOpCTXksWowfaZ42B4MqrbAHIIZWHGMkA+xqK+LfFngE3ukeKZ/h34Qbw38Op9R0x9R0O/wDBd4be98tbgXcg0ZTbzXCEtabgoHm+USBIFIb239l3w/deHfAd9E4WDTJtSkm06yh8LTeG7a1hKoCkFjPNLLDGXDsFfYcsxChSpIBf+F3/ACWL4z/9hbTv/TXbV6be3sOn2c93cOIre3jaWSRuiqoJJP0ANeZfC7/ksXxn/wCwtp3/AKa7avALf4c2d34k8a6bZ+Bn1mTVdO1aG/udV8EXWnamGkjdlW71MsbTVlaXasaIpKgxsCxRmIB9hrqyXOiLqlhDLqMcluLiCKHarzqV3Kq+YVALAgDcVAJ5I5q5C7SRqzI0LMMlGI3KSOhwSMj2JFfJOifCvS9R8N+Kr/S/BFzZxW/w8tLPRbSbQZrJoLryr5Zkgt5I1aOYl9p2qGIk9G5s3XwYjvrXxX4kufCU114rtfE+kTaPfz2TNdWkSx6asz2jFd0akLIsjR4DBGDEhcAA+s6K+QrrRdI0rx1p7ah4S1G3+IM3j6OS88SNo80aXVi107Wym/KCOeIR+SogEjlGUEouzK/XtABXh37NP/JFfDn1uv8A0qlr3GvDv2af+SK+HPrdf+lUtAHuNFFFABRRRQAUUUUAFFFFAHkfwP8A+PP4nf8AY36p/JK86/Z/+Gvi7xr8Hfhn/wAJD4p0WfwdZxWOqW2k6doM1vfFoCJIElu2vJEYK6qWKwIW24G0EivTPgF/zUb/ALHPUv8A2nXqtAHyF8KRdfD28f4ha9dpqfhGPxBrmnOskIQeHRJqMo+1ht2GV2G2V2GVVkI2qsm72T4+SLNafDx1YOjeMtKIZTkEF2wQa9Zryr9oD/j3+H3/AGOelf8AoxqAOa/aB8SeItD165j0C+voJ18G6vdJDasx/epNaBZVQAhpFVn2nBIyQOprylYvDeuXHjw/DvxHqnj/AEaPwxpNyk66rca/vaLUZ5JlhuZGlklkwpzEJG2kKAq7sH7QooA+evFnxK8N/FbxXos/gTxfZ6qugWOqXWo6voIGprpJe1aKMukW7M29tywnDsEbjANeP6b8StQh+Hfi+Pwd4it/EaxNprX+saX8R77W9NjtXudlzK97LDJPpkxj3MyR71ij+dSGUtX3LRQB8deA9X1fxVoWj6fbeLo5vDF94xhs4Lnwr431HXj5BsZnuIP7VmihkkUuoPys5jLEBlZFC/XtvbrbQRwoXZI1CgyOzsQOBlmJJPqSST3qxRQAUUUUAeVftP8A/JFtY/6/dN/9L7ej41axf6XrHgVLK+ubNLjULxJlt5WQSqum3bqrAEbgGVWAPRlU9QKP2n/+SLax/wBfum/+l9vXqtAHxTrugX9n8KbD7T4p8Vaxc+JfhjqF/qsl5r144nuYYLRo5Y0EgW3b944byVQMGO4Nk5+rfhnJpE3w98OvoGp/2zozWMRtL/8AtB7/AM+PaMN9od3aXP8AeZmJ9a1zrlkutxaQ04GoyW7XawbWyYlZUZs4wMM6jGc8+xqZbuVtSktjZzpCsSyC8JTymYsQUA3b9wABJKhcMMEnIABcooooAKyvFf8AyK+s/wDXlN/6A1atZXiv/kV9Z/68pv8A0BqAPN/2ef8Akh/wz/7FzTP/AEljr12vIv2ef+SH/DP/ALFzTP8A0ljr12gAooooAKKKKACiiigAooooAKKKKACvKvgF/wA1G/7HPUv/AGnXqteVfAL/AJqN/wBjnqX/ALToA9VooooA8q/aA/49/h9/2Oelf+jGqLxt4Dh8VfHbwff6hpB1LTdO0W/dJLi3MlrFdfaLNoS2QV8wFGZc8goWXlciX9oD/j3+H3/Y56V/6MavVaAPi2y8BeRpdvZ6L4H1Oy+JUNpqY8Y68dCuYDqitaXC4N80ey+8ydoGREkkKgDhdpAofEP4d+Jr/wAYwtqFlELyTTdMj8N37fDu+16+05lgRZFtr6K6ih02RZgzEzhAcqzMyghfuGigCKEOsSCRt7gAFsYycdcdqloooA+bvAOlwaz+wX4Cs7qLVZ7WTwbpHnR6NZi9uCgt4C3+j8m4TAO+FQzSJuVQzMAfPvDfgDR7jT/Bk9/8M7GXQNJ8aR3EMuleAb/S7fEllInnJo9wsstoqz+SGlUBGZRKSuCR75+yh/ya/wDCL/sUdK/9JIq9WoA+XPCfwsl0Cx8GXtv4cu4tWuPFGt3ep3T2jm4MTJqfkGViu4RjzlWMMdoDqF+8M8vF8ELvwx8P/Ck/hbwnd6d4p1DwHeWutXlrbNDfXc4htfLhuZsKzSgLIsYkbK4KqABivsuqOsaPZeINKu9M1G1ivtPu4mguLadQySxsMMrA9QQTQB8/fAK18IWnxj16PwP4SvvBvh8eGbDZp9xo02jReZ9qu97JZypGyNnG5/KUOdpDNtyOx+Pn/IyfBz/scx/6adSrrPAHwp8O/DX7Y+ixahJc3YRZ7vV9Wu9UuWRAQkYnupZJBGuWIQMFBZiACxJ5P4+f8jJ8HP8Ascx/6adSoA9J0n/XP/u/1rVrK0n/AFz/AO7/AFrVoAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA8p/Zc/5IT4Z/7ev/Sqaiof2WLcxfBHw8+8lXNyduOh+1S0UAeks32G+lkdW8qQffAyAfevO/2f5FlT4iuhyreMtRIP/fuvV68q+AX/ADUb/sc9S/8AadAHqtFFFABRRRQB5V8Av+ajf9jnqX/tOvVa8om/Z9sf7V1W+svGPjDR/wC0r2W/nttN1QQQ+bI25iFEf0GSScAAk4rMm+CcyTSKPiP4+wrED/id+/8AuUAe1V5V+0B/x7/D7/sc9K/9GNWP/wAKVn/6KP4+/wDB3/8AYVn6x+zra+IFsxqHjzx1dizuo723Emtf6uaM5Rx8nVSeKAPdLq1S8tpreQyLHMjRsYZHjcAjBKupDKfRlIIPIINc5a/DHw5Z+DbbwrHp7tolvJHMsMtzNJI0iTCYSPMzmSRzIodndizHJYnJz59/wpWf/oo/j7/wd/8A2FH/AApWf/oo/j7/AMHf/wBhQB7bRXy38LfAWr+LP+Eu+3/Enx039m+IrvTbfy9YC4hi2bQfk5PzHJrt/wDhSs//AEUfx9/4O/8A7CgDX+F3/JYvjP8A9hbTv/TXbV6tXgVh+zra6XqWp6haePPHUF7qciS3kya180zpGsas3ydQiKo9gK0P+FKz/wDRR/H3/g7/APsKAPbaK8S/4UrP/wBFH8ff+Dv/AOwo/wCFKz/9FH8ff+Dv/wCwoA7OH4L+Erfxp/wlEdhdLqfntdrAdTujYrcFSrTrZGT7OsxBOZRGHJZjuyST3VeJf8KVn/6KP4+/8Hf/ANhR/wAKVn/6KP4+/wDB3/8AYUAe214d+zT/AMkV8OfW6/8ASqWpP+FKz/8ARR/H3/g7/wDsK6zwN4NsvAHhay0HT5bie0tfMKSXTK0jb3ZzuKqo6scYA4xQB6DRRRQAUUUUAFFFFABRRRQB5V8Av+ajf9jnqX/tOvVa8q+AX/NRv+xz1L/2nXqtABXlX7QH/Hv8Pv8Asc9K/wDRjV6rXlX7QH/Hv8Pv+xz0r/0Y1AGd8TvhbpfxK+MXhpPEnhyPxF4bh0DUUnt9QtftFi0zT2jRrKjAxs3ysyqwJBTcoyuR89ePvBfiHXvAfgrw9c+CIbrUrPwiI9NuNf8ABl/4gkF784EULpPFDpkyBIyJ5yC29ADiMg/ZHjP4heFvhvpsepeLfEukeFtOkk8lLvWr+KziaQgkIHlZQWIBOM54NblvcRXcMc0MqTQSKHSSNgyupGQwI4II5BFAHyLf/DaP4keG/FHim+8Iatda+0egS6Vd6lplzBqNtIscC3DwCRVlhlHzq7IFbC8kgCpPif8ACe/8P2/izSfCnhqx0rwN/wAJDYX99pK+FptT0+6t2smWZv7Ptnia7XzhE0kcZJJXcythlP0pq3xO8H+HdctdF1bxXoem6xdTLb2+n3mpQxXE0jKGVFjZgzMQQQoBJBB71Xt/i94FuvC194ng8a+HZvDVhI0F3rEerQNZ28ikApJMH2KwLAEMQQSPWgDkP2YdBu/D/wAOZ4JT5VhJqE0un2cfhqbw9Ba2524jhsJppZYYtwdgrlT8xwirtz7BXCat8VtJTwuniLQtR0XxDpM2n3moW81rqqH7YsEZfFuUV1lXIIZgw2cHBziup8P6p/bmg6bqXleR9sto7jyt27ZvUNtzgZxnGcCgDSooooA8q/af/wCSLax/1+6b/wCl9vWP+1J4dsPEnhTR01SwudRs7a/877PJ4Ul8T6c7+W6qLzTYD50yfMSrR42OFYsACDsftP8A/JFtY/6/dN/9L7eu38XeN/Dvw/0d9X8Ua/pnhrSVdY2v9YvY7WBWY4VS8jKoJ7DOTQB8ea78OrfU9Djvn+Gk9nr194A1TS9LuLDw7dtJCyzMYkVnjaSx3wszR28rqyBzEuSpFeg/Ej4Ttb3Ot6RoHhy7tdIn0fRIR/ZVq8e6Qas8k7K0YB80KzSMwO4bizHnNeuTfH74eW/iyy8Pv4w0Rb++0ltbgP8AaduEe0Uj96p35KldzBgCCqOc4Fa1l8SvD9/c3Etv4g8Pz6RFEhN5Dq0bsJDM8JVlA2qvmLsDbyS4ZdoK8gHz/wCMvhTpXhPWvEdjb+BGPwzbWtKv9V0HR9Dee1vYzbzrMy2cKN9oxN9naRURmbYCynFejfs1Jp0dl46TR9NuNH0lPEcgs7C5tntmgi+y221RC4DRLjG2MhSgIXauNo2fE3i/4V/En4e6lqOp+MdBvfCenXIFzrdj4gS3j0+4RhtIvIZVa3lUsAGV1YbsZ553vhhYeEdN8LxweC7631LSTIZmvIdTbUXnkkVXMktw7u8rsrK292YkFTnGKAOxrK8V/wDIr6z/ANeU3/oDVq1leK/+RX1n/rym/wDQGoA83/Z5/wCSH/DP/sXNM/8ASWOvXa8i/Z5/5If8M/8AsXNM/wDSWOvXaACiiigAooooAKKKKACiiigAooooAK8q+AX/ADUb/sc9S/8Aadeq15RN+z7Y/wBq6rfWXjHxho/9pXst/Pbabqggh82RtzEKI/oMkk4ABJxQB6vRXis3wTmSaRR8R/H2FYgf8Tv3/wBymf8AClZ/+ij+Pv8Awd//AGFAGx+0B/x7/D7/ALHPSv8A0Y1eq14FrH7Otr4gWzGoePPHV2LO6jvbcSa1/q5ozlHHydVJ4rQ/4UrP/wBFH8ff+Dv/AOwoA9torxL/AIUrP/0Ufx9/4O//ALCj/hSs/wD0Ufx9/wCDv/7CgD22ivEv+FKz/wDRR/H3/g7/APsKP+FKz/8ARR/H3/g7/wDsKANf9lD/AJNf+EX/AGKOlf8ApJFXq1eBeHv2dbXwpoOm6JpHjzx1YaVp1tHaWlrFrWEhijUIiLlOiqoA+laH/ClZ/wDoo/j7/wAHf/2FAHttFeJf8KVn/wCij+Pv/B3/APYUf8KVn/6KP4+/8Hf/ANhQB7bXkPx8/wCRk+Dn/Y5j/wBNOpVQ/wCFKz/9FH8ff+Dv/wCwpbP4G2kfiDRNWv8AxZ4s12XRro31pb6tqYngWYxSRbiuwZOyaRev8RoA9X0n/XP/ALv9a1aytJ/1z/7v9a1aACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAPGv2VoT/wAKd8PSBCqYugWbuftUvSir/wCy5/yQvwz/ANvX/pVLRQB6fHdLNNJGAwZOpI4rzH4Bf81G/wCxz1L/ANp16LZf8hG7+orzr4Bf81G/7HPUv/adAHqtFFFABRRRQAVEbeJiSYlJPcqKlooAi+zRf88k/wC+RR9mi/55J/3yKlooAi+zRf8APJP++RXl3xP8F/CnXteguPG0mkw6qtsqRLe6qbR/JDuVIQSLkbi/zY65GeOPVqwdc8EeHfEl0lzq+gaZqtyqCJZr2zjmdVBJChmUkDJJx0yT60AfKvwa+HPwIuv+E4/tC40L5PFN9HbeZrrpmEbNu398Mr1w3OfWvrHw/p+lWeg6bb6QkLaTFbRR2jRv5iGEIAhVyTuG0LhsnI5ya8a+Bfwx8H3f/CwfO8KaHN5fjDUI08zToW2qPLwoynAHYDivc7O1h0+1gtraFLa2hRYooYUCIigYVVA4AAAAA4AFAEn2aL/nkn/fIo+zRf8APJP++RUtFAEX2aL/AJ5J/wB8ij7NF/zyT/vkVLRQBF9mi/55J/3yKPs0X/PJP++RUtFAEX2aL/nkn/fIo+zRf88k/wC+RUtFABRRRQAUUUUAFFFFABRRRQB5V8Av+ajf9jnqX/tOvVa8q+AX/NRv+xz1L/2nXqtABXlX7QH/AB7/AA+/7HPSv/RjV6rXlX7QH/Hv8Pv+xz0r/wBGNQBzfx+8D+ML7x14Z8V+GLjxTJFY2F5p01p4ROjfbVMzwuHA1VDCUIiKttdX+5gMN2PRvhD4Tn8D/DPw1oVyboT2NkkTpeXEU8qHGdrPFHHGxXO3KIq8cDGKXxh8RNJ8Damz61rNvp+n2+lXWqXMLWcryeTC0YeYSKSAqBwCm0sxcEEBSD5d4im/Z5+Jd34g8ReJPBeg6/qOlRQtd3mveC3kvZ4nYpA1uJ7bzbtHZSsbQCRXOApJIBALfxA+EuqeJj8VSmhwXh1+bSFtfNaE/aYrcxGRW3NwqkSfK2M5OAc853xO8E+OoNc8T6h4a0q9ktrzWtNu1m0QaZJqaxRWhjeW0XUD9mSUSBFLSgHy9+3Lba3NN+O3gDwjY+C9C8MaJqVjpmoam2hwaXZeFr+zOlssLS4ktfsytAuNhAdUBRzIDtVjVix/aU8NW+rWum39zeXcJ8PjX5tetNCv47ExbyoIzG6pnax2tIWyAMEmgDy/wr8JviF9h1Cy1XQ9SmuEk8RSpqep3mntJei+t0MBYWxRFfduRwIkVWUkFlIdvpvwfYz6X4T0Syuk8q5trKGGVMhtrrGqsMjIOCDyOK5D4pfHTw/8K7O6e8jv9RvrZrEyWOnafdXUgjurgwRviGJyfmV+ACSVC8Flyl98b/DXhyO9l1PVLi9f+0WsbfT9K0G+uL4OII5Wi+zRJJLKyq4ZnVAqhgGClSSAelUV5rq/7Q3gLSLPS55NWurx9Us5b6ztNM0q8vruaGN0SZhbwRPKDGzqrqVDIc7gMHHceH9csPE2iWGr6Xcpe6dewJcW9xHnbJGyhlYZ55BHB59aAPPP2n/+SLax/wBfum/+l9vT/jtoOp6lpmiXujaP4g1HVNOvGmgu/Cl9YwajZM0ToZI478i1mUqzIyyk4DZVSwGGftP/APJFtY/6/dN/9L7euu8b/EHRvh3p9vdazJekXMvkW9tpmm3OoXU77SxCW9tHJI+FVmJVSFAJOBzQB87618N/iBq/hOaxu/B8lzd6z4O1TSZTbvp9uLe4luDLCt2qTLH50in52t1ePzS5yqkGux+Knwj1fxRqWrwWeix3ekXWj6Lp6wtLEsbiDUWlmjKsw4WE55GCOBk8VvXn7UHgyz8QQ2UkmpLpjaHPr0usHSL37PbwxPsdZW8jbGylZAyuysjIFZQzAVrTfHDwtZi91O915bHRLWzguXW90m6tpY1kuHgWcvIoBidlAXCAYG/cVYEAHA/Erwpq+h/EK68Vx6THqFout6Pc2mmpeWsE2qPFbXMLRQ+dIiGZWlRlV2QNs4PFdR+z1cSXv/CxLqXSjojz+KbiRrEvG7RMbe33KzRFkL7s7trMA24BmxuM+u/Fz4aeMvBWuR6/bzarosVxHp9/oeseGrx7ieSTDRRjT5bfzpw+Ny7ImDBSVyFJHS/C3WPBuoeFxZeBra207Q9LlNl/Z1ppzWCWcgVXaHyGRDGy7xldoKkkEAggAHaVleK/+RX1n/rym/8AQGrVrK8V/wDIr6z/ANeU3/oDUAeb/s8/8kP+Gf8A2Lmmf+ksdeu15F+zz/yQ/wCGf/YuaZ/6Sx167QAUUUUAFFFFABRRRQAUUUUAFFFFABRRXz94J8E3/wASdV8cX17448Yad9i8TX1hBbaZqzRQpEjKygKVbGN5GAQMAACgD3w28TEkxKSe5UUfZov+eSf98ivL/wDhQf8A1Ub4gf8Ag8/+10f8KD/6qN8QP/B5/wDa6APUPs0X/PJP++RR9mi/55J/3yK8v/4UH/1Ub4gf+Dz/AO10f8KD/wCqjfED/wAHn/2ugD1D7NF/zyT/AL5FH2aL/nkn/fIry/8A4UH/ANVG+IH/AIPP/tdH/Cg/+qjfED/wef8A2ugD1D7NF/zyT/vkUfZov+eSf98ivn/W9D8CeG/Flr4X1f4967pfia6KfZ9GvfGMEN5LvJCbIWAdtxBAwDkjiuw/4UH/ANVG+IH/AIPP/tdAHqH2aL/nkn/fIo+zRf8APJP++RXl/wDwoP8A6qN8QP8Awef/AGuj/hQf/VRviB/4PP8A7XQB6h9mi/55J/3yKPs0X/PJP++RXl//AAoP/qo3xA/8Hn/2uj/hQf8A1Ub4gf8Ag8/+10AeofZov+eSf98ij7NF/wA8k/75FeX/APCg/wDqo3xA/wDB5/8Aa6P+FB/9VG+IH/g8/wDtdAHqKwpHyqKp/wBkAVJXlX/Cg/8Aqo3xA/8AB5/9ro/4UH/1Ub4gf+Dz/wC10Aeq0V5V/wAKD/6qN8QP/B5/9ro/4UH/ANVG+IH/AIPP/tdAHqtFeVf8KD/6qN8QP/B5/wDa6P8AhQf/AFUb4gf+Dz/7XQB6rRXlX/Cg/wDqo3xA/wDB5/8Aa6s/s4axf6/8E/Cuo6neT6hf3FuzS3NzIzyOfMcZLEkngAfhQB6ZRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAHk37LMiyfAvw2FOSpugR6f6VNRUP7K7W//ClfDoT/AF/+lbuD/wA/Uv4UUAeoSW80F008KrIHGHQnB/A15t+z+zMnxFLrsb/hMtRyuc4/1fevWK8q+AX/ADUb/sc9S/8AadAHqtFFFABRRRQAUUUUAFFFFABRRRQB5V8Av+ajf9jnqX/tOvVa8q+AX/NRv+xz1L/2nXqtABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAeVfAL/mo3/Y56l/7Tr1WvKvgF/zUb/sc9S/9p16rQAV5V+0B/wAe/wAPv+xz0r/0Y1eq15V+0B/x7/D7/sc9K/8ARjUAV/jR8JdW+I15eyafPYxRz+F9S0QLdu6/vrh4GRjhG+QCJtx68jAPOG+PfhTq+vavrt/ZWWg6tFdaHZadDpusSzRRySwXMkrZkiQtD8rrsmUMyOoYKdoB6T4g/E//AIQe+sNOsPC+ueMtZvIpbkaXoP2UTRwRbQ8zG5nhTaGdFChizFhhSAxHE+LPj3caDcI2heHvEXiK5udX0mwl06aC0tTZpdRLJlVnlgcMVyCshJWQ4wFBwAZXhv4R/EPSbfw1dzyafPNpfiJr+PR9R8U3+qraWclo9vIE1G4tjPO+6R5QkiADOwOq4IrN+z94tj8NWuhJNorwTeDG8PXd213MrQXKyNJE0aeSRJGzNtYsyFQMhWzgeraJ8V9M1610CS3tL9bjWL24sFs5Ej821lt/ME/nAOVVUaIqSpbllxnOa7mgD561/wCFnxH8YNr2u6jaeFrDXLm20hLPSbXVrma2D2N+9yRJdG1VgJFYAMsBKkkbWxuN+b4U+NNC8YXXjXRYdD1HXTqd1Omkahqc9rayW1zbWsbhp0t5GWRHtQQfKYMpIO0tlfdqKAPGfh38GdY8K+I9O1jUbuwubk6dqq3ggL/JdXt6lyyxEoN0S7WXc2GO1TtGSB3Hwq8K3fgX4a+GPDuoSQzXul6fDaTSWxZomZFCkqSAcZHGQD7V11FAHlX7T/8AyRbWP+v3Tf8A0vt6ufG3wPqnjbQ9Pi0jR9K1i6tbnzhHf6zeaLPFlWXzLbULRHmt3AJB2qd6sykqCc0/2n/+SLax/wBfum/+l9vXRfEX4kwfD2PSIxo+o+IdW1e6NpYaTpbWyXFxIsbSNta5mhiG1EZjukBOMAE8UAeQar8DviHqnh1bC7vdH1K5v/CuoaDfXF/qtxI9o8s3mW6rIbYtdqi4iaWTy3YIHKszEDr/AIhfBvVvFmt6jdWs1gltc6fpNmsc7MCGtb83EmQEI2lDgep4IA5qhr37Sk/hzxCy3/gbxHaeH7Xwzc+IL+6mhtUntTFJsaExtchmYbWGUVlYshV2Ulhqan8eNM8O/wBpanq+neJNPjtdOtLttLlt7aQiOe7eCKVVidnLsQGKFiQu35Q+5aAOa+M3h268E63qfxEm1PRLGG31PTLy1/tq5mtrLMUNxBIt3cJDILZCtwSJmVlVgNwGRW/+zXq1x4m0bxf4ikk064t9Y8QS3Vvd6RO1xYzxi3gTdBMVXzowyMolCgOULBVBwLTftBW0NrqUV14N8TWniK1v4NPi8NyLZNe3kk6s8LROty1uFZEkYl5k2hG3BTgHr/APj+28f2upyQabqGkXOm3jWF3Z6nGiSxTiNHZfkd1YASAblYqSCVJUhiAdXWV4r/5FfWf+vKb/ANAatWsrxX/yK+s/9eU3/oDUAeb/ALPP/JD/AIZ/9i5pn/pLHXrteRfs8/8AJD/hn/2Lmmf+ksdeu0AFFFFABRRRQAUUUUAFFFFABRRRQAV5V8Av+ajf9jnqX/tOvVa8q+AX/NRv+xz1L/2nQB6rRRRQAUUUUAFFFFAHyJ8Bv+EOX9nr4tv8VTpwCeJtbfxo15neuLhjE0pX5wRbfZzGV+bbs284qH4j/F7xVax/FnUPD3jW48GaP8N9Esb/AEnTZrS3lTVlkt/OV71ruNpjGxUQgRyQvndlt2CPpHXPhJ4G8T+KrPxPrPgvw9q3iSz2C21m+0qCa8g2MWQJMyF12liRgjBJI61L4m+FvgzxrrOmax4i8IaFr2r6YytYahqWmw3NxaEMHBikdSyEMAwKkcgHrQB8nfEL42fFS4j+KevaR4sfwwnhTSvD+r2WhtpdtPG0tzGHnt7hnQyGJs4IVkkUjIdRlaX4ofGz4m/Dmb4iaBa+NZL/AFHT9Y8LSWGp3ml2hNrDqN0kVxbbUjRXiADBSy+YA5zISAR9eX/gXw3qras174f0q7bVljTUTPYxOb1Y/wDVibKnzAvYNnHbFRan8O/CutXN1cah4Y0e/uLprd7ia60+GRpmt23W5cspLGNvmQnO08jBoA+T/FXxT+KPgeT4g3DfEGfVLPwV4v0mxhjudIsg+oWl59nM0NyUiQfIJj5bQ+UwI+cvVzR/jt8U9a+L+ozw2+px+H7Pxu3hh9MuZtDt9KW0UBS26Wdb9rw581VUFGGAqMOa+p73wD4Z1JdRS88O6TdLqU8d1erNYxOLqaPb5ckuV+d02LtZsldq4IwKhb4aeEG8aL4wbwpojeLVj8oa+dOhN8E27don2+Zt2kjGcY4oA+Uvh/8AGD4m3mnfCzxJqnjiTUbfxN4x1DwzeaT/AGVaRQC2El0sMqssfmCZDCvzbtjAAGMnLHnPhHrXxNsfglpv/CM+LtU1rV9Z+IOtR39tHNo1vrEtnDd3azNpy3cKW7ylljlkWQMAu8J5YwF+1bf4f+F7S10+1g8N6RDb6ddNf2UMdhEqW1wxYtNGAuEkJdyXXBJZueTWRqHwP+HOq2GqWV74A8L3llql2L+/trjRrZ47y5GcTSqUIkkGT87Ank80AYn7N/jy7+IXwvt9Qv8AUdR1PUbW+vNPupNW02GwvVkhneMpPFA7wmRQoBeEiNyNyqobaPVKzNB8O6X4U0e00jRNMs9H0m0QRW1hYQJBBAg/hRFAVRyeABWnQAUUUUAFFFFABXiP7Mc8q/AnweBI4AtW4DH/AJ6vXt1eG/sy/wDJCfCH/Xq3/o16APcqKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA8g/ZYt3/4Uv4dncgAi6VVX0+1S8mirP7Ln/JC/DP/AG9f+lUtFAHpdvdNNdTxkALGeD3rzX4Bf81G/wCxz1L/ANp16JZf8hK7B65Brzv4Bf8ANRv+xz1L/wBp0Aeq0UUUAFFFFABRRRQAUUUUAFcR42/4WL/asP8AwiP/AAjH9m+Svmf219p87zdzZx5fy7duzGec7vau3rh/G3hXxhrmqRz+HvHP/CM2awhHtP7Ihu90gZiX3uQRkFRjp8ue5oA8X+Cf/C4P+K++xf8ACD/8jbf+f9o+2f635N23H8PTGeeua+k9J+3f2XZ/2n9n/tPyU+1fZN3k+btG/Zu527s4zzjGa+bPgl4E+Ilx/wAJ79m+KH2Ty/FmoJL/AMU/bP5sg2bn5bjPHyjgYr6S0m3ubPS7KC+u/wC0L2KFEnu/LEfnSBQGfYOF3EE4HAzgUAXqKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDyr4Bf81G/7HPUv/adeq15V8Av+ajf9jnqX/tOvVaACvKv2gP8Aj3+H3/Y56V/6MavVa8q/aA/49/h9/wBjnpX/AKMagDQ+IXw98Q634k0vxL4P8Rad4b8QWlpNp8suraO2pW01tKyOV8tLiBldXjVlbeRgsCrZBXE1r4H6tfNe3tp4si/tubUtK1JL3UtLE6GSzRUbzIopYQ3mAMflKBSwwCBg9vqHjQ2PxC0zwv8AY9/23TLrUvtfm42eTJAmzbt53efnduGNvQ548f1j9qm7sYfCE8OgaDYx67YQ3g/4STxONKFxJI5UWlg72zR3dyACTGzw43x84YlQDpfhZ4Xa++KPjLxaLfULTRWm+zaZaahYyWbeewX7dcJHIqvskeKIBmGGMbspKuGb2SvnLxF+2PoHh74nz+GpbrwnDZ2WqW+jXkd94sig1z7RKUXdBpoiYyxK0qAsZUYhZCqsFG7cj+P3iO7sbW8tfA0E0OoeIp/Deno+sFHlmikuUaeQfZyI4v8AR1bILNhn+UlAHAPcaK8H1z9o7UfDvgiTU9Y0vwl4c1i11mbRb0eIvGKafpEMka78pevb+ZJuUrtUW4Od2QoXJjg/aR1rxVoXhu88G+DtP1u41fQbrXS154gFtZxLbzRxOizx28zShi5MbrHtYKC2zcKAPfKK8Dg/afn0vQbzxD4r8Lw+HdBfw2vifTZF1dZ7iW3zGrRXKmNIreQNNEAVllQhiS64rV+A/wC0VY/GXVta0b7V4Tn1bTYILxj4N8Trr1oYZSygNMIYSkqsjAoUIwUIY5IABpftP/8AJFtY/wCv3Tf/AEvt62Pi/wDD6++JXhldItbrQVgaQG5sfFGgLrWm3idlltzLExKsAylZBgjkMOKx/wBp/wD5ItrH/X7pv/pfb1c+NnxWm+Evh6w1COz02UXV2Ld77xBqbaZpdkuxmMl1drBN5KkqEUsmGd1XIyKAOHb9mPVI/Dtro8Hi6zhtn8PX2g3ynR3ZNs8vmobRftI+zxRMdqwsZcRqihht3HsvGfwY/wCEu1i9vzrH2Q3Nnptr5f2Xft+yXhud2d4zuztxj5euT0rgNb/aE8Y6Tqa6yvhvR7vwtb+DLnxFPDZ+IFnknlSUKvkOlsySxsANr71ysu5lVl2nd1741al4Pm1W91PwlJJq9vpen3P9n2OtyTJIlxfPbxoqvGkaygYZmC8k7NxChqAE+MHgG60e71Pxvp17ff2oL/T7y1NjoUmrfYjBFNC7yWsUqTXEbJO4ZYSJBkEA4Na/7O9nq/8AYXiXV9ZFy8mt63LfwzXmmSaZJLH5MMYf7LKTJApaNtqSfOFCliScnOuPjl4o0+51DQbzwbpaeNU1K10+x0+DXnexuFnhkmWSS6NqrxBUhlLKIXwVAUtuyO3+G/jq+8bRa5Hqejx6JqOj6i2m3FvDefao3kWKKQuj7EJU+ZxlQSACVUkqADtayvFf/Ir6z/15Tf8AoDVq1leK/wDkV9Z/68pv/QGoA+UJPivoejfsceF/7M8Y6fY6zb+HtGRfsmqJHcxsFt1ZRtcMpxuBHpkHvXqfxk+Mfh2z/wCEG/svxvpcPmeKbGK6+x6tGu6A796vtblDxkN8vTNeWSfCjQ9Z/Y48L/2Z4O0++1m48PaM6/ZNLSS5kYrbszDahZjjcSfTJPevU/jJ8HPDt3/wg39l+CNLm8vxTYy3X2PSY22wDfvZ9q8IOMlvl6ZoA9G/4Wx4I/6HLQP/AAaQf/F0f8LY8Ef9DloH/g0g/wDi6P8AhU/gj/oTdA/8FcH/AMRR/wAKn8Ef9CboH/grg/8AiKAD/hbHgj/octA/8GkH/wAXR/wtjwR/0OWgf+DSD/4uj/hU/gj/AKE3QP8AwVwf/EUf8Kn8Ef8AQm6B/wCCuD/4igA/4Wx4I/6HLQP/AAaQf/F0f8LY8Ef9DloH/g0g/wDi6P8AhU/gj/oTdA/8FcH/AMRR/wAKn8Ef9CboH/grg/8AiKAD/hbHgj/octA/8GkH/wAXXD/Ej4rxa5ceHvB3gDxTph8S+Jrxrb+0rOeG7bS7WOF5p7kR5ZWcKgjQMCvmSoWBVWB7j/hU/gj/AKE3QP8AwVwf/EVw/wASPhRHodx4e8Y+APC2mDxL4ZvGuf7Ns4IbRtUtZInhnthJhVVyriRCxC+ZEgYhWYgAsf8ADMPgv7P5n2jxJ/bWM/29/wAJLf8A9oeZ13+b53rzsx5ePl2bflrlNL/aW0P4Sw6/4V+KPiu1l8V+H71bS3eKMG91y2kiSaC4jtIgWL7ZPLkKqEEkbN8qsAOr/wCGnfBf2fy/s/iT+2sY/sD/AIRq/wD7Q8zps8ryfXjfny8fNv2/NXKaX+zTofxah1/xV8UfClrF4r8QXq3dukUgF7odtHEkMFvHdxEMH2x+ZIFYoZJGX5lUEgEf/C2NY+KX/M5eH/hR4ak/6ilnea9cIf8Agb29pkH/AKbt/uHpzvwB+Avw38Tab461C4tZfESr4q1BF1SfV7m4e4RdnzNIJfnJOSW7kmui/wCFT6x8Lf8AmTfD/wAV/DUf/ULs7PXrdB/wBLe7wB/0wb/fPXS/Zc1DTdS8GePbjSNPm0rT28Val5VjPZNZPBwmUaFlUoVOQRjgg0Acn4T0v9nnxpfadbaboOtompMI7K+1HSdcsLG6YglViu7iNIXZsHaFclsfLmt9vhp8CRoS6wultLZPqL6RH5MuoSSy3SStE8SRKxkdgyNnapGFZs7QTWH+z/8ADXxd41+Dvwz/AOEh8U6LP4Os4rHVLbSdO0Ga3vi0BEkCS3bXkiMFdVLFYELbcDaCRWH8KRdfD28f4ha9dpqfhGPxBrmnOskIQeHRJqMo+1ht2GV2G2V2GVVkI2qsm4A6L40fs++AtAh8FHT9EktDeeKdPs5zHqF0PMhkdg6H950YDmu7f9m74Wx6hHYnwvP50sTSqyz3piCqVBBkD7FbLDCkhmAYgEKxE/x8kWa0+HjqwdG8ZaUQynIILtgg1z37QPiTxFoevXMegX19BOvg3V7pIbVmP71JrQLKqAENIqs+04JGSB1NAFi/+CfwV0vUtQsLzTIbO40+xXU7trjULqOOC2LOolaRpAoGY3zzkBcnAwa53wn4Q+AXjTWINM0/QdVtrq5DNaHV7LWdNivQFLH7NLcrGlx8oLfumb5Ru+7zXBJa+HfEWoeM/wDhXmv6n8Q9Ai8PaPdSY1WfXhdJFqU8t1BFdSvI0zsiMph8xgpKqFXdg+4ap+0J4T8YeGdas/hx4q0zxT4w/s64az0/RZRez206wu0f2iOMMbf5gF/fBRuwh+YhSAXP+GXfhl/0LP8A5P3X/wAco/4Zd+GX/Qs/+T91/wDHK8DvfGFjF4R8Rp8NviJrmvIfCN1ca9qH/CRzapLpWpBoRAczO/2Oc7rjMKqg+TmMbeN3xx4Tn8L3XxQksvF3jIx+HtO07XdNgm8UXzrFeOZzIzEy7pIm8pAbd2aAYO2NSzEgHr//AAy78Mv+hZ/8n7r/AOOUf8Mu/DL/AKFn/wAn7r/45Xll1pN/rOsR6vL4r8VQXN14/udDaK1125it1sGEgaBYVcRj7vEm3zUz8jrhccx488Ta34X8N6do82teV4LsfEmr6fdap4l8eahoO0RsptIp9XjSa4H3pAAzLvKKpc4CsAe9f8Mu/DL/AKFn/wAn7r/45VZf2a/hU949oNAjN0sazNCNSud4QkgMV83IUlWAPQlT6V5h4N0/W/iVdeC9M8Q+LtUbS5PDGp3TDwx4ivoY7wJewLaS/bFW3nlKxnAmAUShix3K/M/7Pt1Z6n8VtD1bWvEF7ceKdT+H+lTw293rU+LzDzrPKtqZBHIV/dFmCEqX3ZBclgD1H/hl34Zf9Cz/AOT91/8AHK858I/s++Ar742fETSZ9Ekl03T7HSZLW2bULrZC0q3PmFf3nVti5/3RX03XlXgb/k4b4p/9g7Q//QbygCnY/s2/C3UY5Xh8LzoIpXhbz7i9hJZWKkgO4LDI4YZVhyCQc1J/wzX8KReC0/sCP7WYzMIf7Sud5QEAtt83OMkDPTJrzfR7XUviN8SI9C1XxP4jh0YyeJnlttM1q5snl8nUbdYF86GRZEEYYgBWXglTlWILPgncWeofFLwFq2u+Ir+bxLqHgOH7NFea3OovnSZllYW3mCOZlUqzNsJBIY8kGgD1P/hl34Zf9Cz/AOT91/8AHKP+GXfhl/0LP/k/df8AxyvVaKAPKv8Ahl34Zf8AQs/+T91/8co/4Zd+GX/Qs/8Ak/df/HK9VooA8q/4Zd+GX/Qs/wDk/df/AByue/Zbt47T4A+C4Il2RR2bIq5JwBI4Ayeele7V4b+zL/yQnwh/16t/6NegD3KiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAPI/wBle5EnwQ8PRldrIbr8R9ql5opn7LN0zfBbw3AY9uBdENuzkfape1FAHqk9jvmEscjRS4wWAyD9RXmX7P6sqfEUO29v+Ey1HLYxn/V9q9Yryr4Bf81G/wCxz1L/ANp0Aeq0UUUAFfP3gnwTf/EnVfHF9e+OPGGnfYvE19YQW2mas0UKRIysoClWxjeRgEDAAAr6Bryr4Bf81G/7HPUv/adAB/woP/qo3xA/8Hn/ANro/wCFB/8AVRviB/4PP/tdeq0UAeVf8KD/AOqjfED/AMHn/wBro/4UH/1Ub4gf+Dz/AO116rRQB5V/woP/AKqN8QP/AAef/a6P+FB/9VG+IH/g8/8Atdeq0UAeCeHfgf4U0+38QXGjfFLxYkMN/PNq8tt4lRlhugA0xnIUhHChSwbBAwSBWvovwf07xLpNnqukfFXxtqul3kaz2t7ZeIlmgmjYZV0dUIZSOQQSDXgX7QF1eeAPiJ8TPh9pskdrP8Y7bT20byyglN5JIljqDKpwDst/KmJ5OATg45sar8VPF/gfwp4x17RfFX9k2PgLxTZ+ENN8CJZWhtbu2VraJVmZozcGeZZi6GOZFA8v5Gw24A+hP+FB/wDVRviB/wCDz/7XR/woP/qo3xA/8Hn/ANrr5guPHnjj4X+H/j34i0XX9Y1nVrr4hW2hRLPFpw/s+OUW0RuI98ccZlWNlRRM3lZRCw5dm6n/AIWd8ZLzw3f+H7a8v11y08WQ2CLcan4ZXxTdWBtxPNEsSSPYLdR7g211UtDhgoY7qAPdv+FB/wDVRviB/wCDz/7XR/woP/qo3xA/8Hn/ANrpP2b/AB7d/ED4cPdahf6pqOpafqd5pd0+uabBY30ckErIY50t3aBnUYBkhIjfgqq5xXq1AHlX/Cg/+qjfED/wef8A2uj/AIUH/wBVG+IH/g8/+116rRQB5V/woP8A6qN8QP8Awef/AGuj/hQf/VRviB/4PP8A7XXqtFAHlX/Cg/8Aqo3xA/8AB5/9rpP2ebq/m8M+JLW/1W+1l9P8S6np8N1qU5mmMUM5RAWPXCqOgAznjmvVq8U+BM0iWXjkK7KP+Ey1rgMR/wAvT0Ae10VFBnyYyTklRk/hUtABRRRQAUUUUAeVfAL/AJqN/wBjnqX/ALTr1WvKvgF/zUb/ALHPUv8A2nXqtABXlX7QH/Hv8Pv+xz0r/wBGNXqteVftAf8AHv8AD7/sc9K/9GNQBv8Ajj4aJ4y1rR9XtvEOseGNU05ZYBdaN9mLT28pRpIJBPDKArGNDuUK4K/Kwyc8nefs32b+FdN8L6d438WaN4dttMXR7nTIZ7W5i1C2AYbZjc28rKxVmUyQtG7AgliVUi98RfFfjJfiNoXhDwhd6DpkupaXeahJqGt2M16Imglt1VVhjuICwYTMD84wcHnBB8t8X/tOeJdN8F6LqVncaXY6uuk3Goanp1v4W1fxA0jwyvEyg2ZUWULtC+2actnn5D5bEgHra/BOCx8UnU9J8W+JNC0ma4iu7vw3p09utjdzRqqh2doGuF3BIwyxzIrbPmU7n3aFj8I9IsLPRbaO5vmj0rWrjXYS0iEtPM07MrYTlAbh8AYPC5Jwc+ea98aPGFj4y0Qypp/h3wtfLYyQnUdBv7yG9WYIZC2qQP5Fiys+xVuIjvZVw2H+WjN8aPiFYeJfEFheQ6RY3kcd82m+H9R8P6hbNJ5KO8Ji1PzWtb1nRAzRRiN0VmJ5jZSAdzrHwEsb3Wo9Z0zxNr/hzWU1G6vxfaabR2P2hY1mh23FvKgRhDGdwUSDBw4DMDL4M+Auj+Cdgt9Y1q/jhs72wt01CeKQwW9zMszoGEYZtrL8rOzNhjktxjkb79oLVJtW1WHSrawltLwWcHhyWWKRjczySwRztJhwWRDdRnChfuPlvQ0P4teN5rzSfEl/J4f/AOEM1nX5dBtdGhsZ01K3xNJBHO1005jkJeEs0QgTar4DsU+cA7W4+Bfhy60vT9PunvrmzsvD7eHFR5gpe3JiO9mVQRKDChDKQAcnHTGr4D8BX3g1ryTUfGniPxndXCoguNee1XyUXOFSO1ggjBJYkuULtwCxCqB5X4X+KfxK8Y6b4Igt7rwvpWreKre41NJptIurqCztYBGGQqLpDLJI0qsG3oEXIKyEZPa/s3+e3woszdCNbr+0dT81YWLIH+33G4KSASuc4JAOKAI/2n/+SLax/wBfum/+l9vXXeOPB914us7VLHxTrnhG9tpTIl/obwFyCpVkaO4imhdSD/HGSCAVIPNcj+0//wAkW1j/AK/dN/8AS+3q78bPFnirwj4fsLnwxaj95dhL7UTolzrf2GHYxDiwtZY55yzhE/dsSu7cQVU4AMGT9mPQ5NLhsE8Ra/DC2lX2k35jNoDqK3UpmmmmzbkLJ5rM48kRqCxG0rhR1Xib4Q6P4s1K6vry6vo5ri2srV1hkQKFtbo3MZGUJyXOG5wV4AB5rxLWvjH4+t7qTxTp+v8AhvUtM0/wPfam+mQ6bdpHc3kVxs3N5lwrQMGVQ0Txs8R82Msx+YdL4s+JnizwTe6xK+neG9S8TRaRpcy3MVlLbCT7TqMkK27OZXYoitw2cbizbQG2AA6T4ufDGS8ttV8Q6Fba3feIpruxul/sa8tLe8tjbq6LJafaozAz7ZXBSchGDN8y8Zv/AAD8J634a8P65da9HqFvfazq8mpeRrE8E18imKKMee1uTAJGMZYrCTGoYKvAwOTvPih8QtK1zUPB0934ZufE8urWVjYazHpNxHZQxTwTTsZrU3TPIyLbuo2zIGLKflwQfQPhV4s13xJH4ntPEI09tQ0TVm0zz9MikiinVYYX8zY7sVLGQnbuO0YG5sbmAO9rK8V/8ivrP/XlN/6A1atZXiv/AJFfWf8Arym/9AagDzf9nn/kh/wz/wCxc0z/ANJY69dryL9nn/kh/wAM/wDsXNM/9JY69doAKKKKACiiigAooooAKKKKACiiigAryr4Bf81G/wCxz1L/ANp16rXlXwC/5qN/2Oepf+06APVaKKKAPKv2gP8Aj3+H3/Y56V/6MavVa8q/aA/49/h9/wBjnpX/AKMauY/aD0Pw/qXjLw5ceP8AwbdeOfAiWF3ENPt/Dk+urBqDNGY5XtoY5WUmJZlWXZhSWG5S4yAe+UV8gePfBFjJfa+b7wDrepeLrzTrNPAWoXGk3OoT6MVtlRYzfqJlspUnDO7vKm7cDufBxo6/8C7TXtW1vXNV8JyX/iJvHlg8WqG2kNyLJo7OO58mQDcls6rKsioRGw3hwQWoA+rqK+WNF+BekTePrTwzd+BLcfD6y1vWGt9HbSgulLDJaWjKPJ2CIxtMZmCkFS4Ygbl4o+E/hBqnhvQPB974V8OyaF4zu/Dms6dd6s9qyXCuEX7HHcTMNwVGVRErsAoUBQFGKAPrWs3WtasvD9j9s1C4+z23mxQ78MfnkdURcAE8syj8eeK+I/C/wx1i48CePrTTdLfT3uvC01jqOn6D8Or/AMNSXd6zJteSee6ka9uVxLiaBWB3Mxk+Zd3Z/Fj4F+HtJn8YWll8OobnwtNH4e1O7sbHQTdxXlxFqMpu5vJjjYz3HkffIDSMrAHORkA+u6Kqaf5C2NsLWH7PbCNRFF5Ri2JgbV2EArgYG0gEdMCrdABXlXgb/k4b4p/9g7Q//QbyvVa8q8Df8nDfFP8A7B2h/wDoN5QB6mzCNSzHCgZJrL0/xBba14et9Z0oPqlndW4urYQAK06ldybd5UAsMY3EDnkivle38B6e3xz1T7P4LbWbvU7q/TU7rWvBV3a36RSRSAltcVvsl7akeWiWrBjteME7odq0Phj8INMfwYDa+ArjTf7M+Ha2draXHh+WzEeqhrtZ2jhkiUmcszESKu5hKSGKyZIB9jW8jTQxu8LwM6hjHIVLISOVOCRkdDgkehNT18keI/gtH4g8PfEDVtR8Izan4gs9L0eTQpLqxaWW2uobNP3toGUlJlcYLR4bKKCflxVL4iaLo2n+LNfudY8Iak/j248W6XLaeKP7GmKHTGu7JUiXUdnliNcFTbGXJYM3lnOaAPsSiiigArw39mX/AJIT4Q/69W/9GvXuVeG/sy/8kJ8If9erf+jXoA9yooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDyP8AZZtUT4I+HJiSzt9qGSeg+1S8Cipv2XP+SF+Gf+3r/wBKpaKAPR7OR2vrpSzFVIwCeBXnPwC/5qN/2Oepf+069Et2EWp3CucF8Fc9687+AX/NRv8Asc9S/wDadAHqtFFFABXlXwC/5qN/2Oepf+069Vr5t+GvwT8D+ONW+JWsa/o322+Pi7UEeb7XOnyqI8DajgcD2oA+kqK+W/Cel/s8+NL7TrbTdB1tE1JhHZX2o6TrlhY3TEEqsV3cRpC7Ng7Qrktj5c1vt8NPgSNCXWF0tpbJ9RfSI/Jl1CSWW6SVoniSJWMjsGRs7VIwrNnaCaAPoWivmT40fs++AtAh8FHT9EktDeeKdPs5zHqF0PMhkdg6H950YDmu7f8AZu+FseoR2J8Lz+dLE0qss96YgqlQQZA+xWywwpIZgGIBCsQAewUV4Frnwl+B/hrWBpepaUbe9/0YlPtF8yqLiZoYSzK5VQ0ilckgA4zgEZ0r74B/CDTdb0vSLjQtuo6mJTawLd3jFxGoZ2JDkKFDL8zEDLKAckAgHqWqeE9D1rVtK1XUdF0+/wBU0l3k0++ubVJJ7NnXa7QuwLRll4JUjI4PFZt98LfBup+MrTxde+ENCvPFlmoS316fTYZL6FQCAEnKmRQAzAAEfePqa426/Zr+FNn5bXGgx24lkWFDLqVyu5ycKozLyxPQDk1Y/wCGXfhl/wBCz/5P3X/xygDqZ/hX4LuLzxBdzeD9Blu/EUQt9ZnfTIWfU4gu0JcsVzMoXja+RjiqjfBX4et4MXwgfAXhk+E1l88aCdHt/sAk3Ft4g2eXuySc7c5Oawf+GXfhl/0LP/k/df8Axyj/AIZd+GX/AELP/k/df/HKAPQPDvhvSfCOj22j6Dpdnouk2q7Lew063S3t4VznaiIAqjJJwAOtateVf8Mu/DL/AKFn/wAn7r/45R/wy78Mv+hZ/wDJ+6/+OUAeq0V5V/wy78Mv+hZ/8n7r/wCOV5z4R/Z98BX3xs+Imkz6JJLpun2OkyWts2oXWyFpVufMK/vOrbFz/uigD6borx6x/Zt+FuoxyvD4XnQRSvC3n3F7CSysVJAdwWGRwwyrDkEg5qT/AIZr+FIvBaf2BH9rMZmEP9pXO8oCAW2+bnGSBnpk0Aeu18o/DnXPHvhO+8fahYaHaeMfC7eMdYL2GnuLbVbUi6bc0YlfyrhTjO0tEwJIG7gD1n/hl34Zf9Cz/wCT91/8cr5y8J6J4M8AWnim2n8deK/DzyeLNXt9M8M+HtRkluLgJdOoWC2VHlkPHzNyATliBzQB9W/D34seGPiNFNDo2oZ1OzAF7pF5E1tf2ZwOJreQLInPAJXDdQSOa5IeLPG3xY13V7fwRfaf4W8KaTdyafJ4ivrI31xqN1E5SdLWLzESOOKRXjaVy+50dVQBQ58Vn/ZS8T/GzXNJ1rWtf8WeA9M0/wCaxurvWFuvEgU85jljXy7IEHlQ0xPQhTxXr/7Mt3beEvDt38ML+6kHinwrc3SzQ3kmZ7y0luZJLe+UnHmLKjqWYDAlEiHlTQBbPizxt8J9d0i38b32n+KfCmrXcenx+IrGyNjcaddSuEgS6i8x0kjlkZI1lQptd0VkIYuPYq8T/aWvrfxVoFl8MbC5Z/FPiq6tRDBav++s7SO5jkuL1iM+WsSI21jwZTGo5YVr/wDCg/8Aqo3xA/8AB5/9roA3v+E2vv8AhdH/AAiPk2/9m/2B/avm7W87zftPlbd27G3bzjbnPftSeFfGt9rnxI8c+HriK3Sz0L7D9mkjVhI3nws77yWIOCOMAcdc9a8X/wCFJ/8AGSH2L/hPvG//ACKXnfaf7Y/ff8fm3bu2fd74x15o8C/BP7R8Zvijbf8ACfeN4vs/9l/vo9Z2yS7rZj87eX82Og9BQB6T8BWCr8RySAB4y1Iknpj93Wlov7Q3wr8Ta9Foek/EzwfqmtzyNFFptlr9rNcu4BJVY1kLEgAkgDIwfSuY/Zx0f+wfDfxC0/7deaj9n8Wamn2rUJvNnk4T5nbAyffFc5+zDq3xFk+D/gW2ufC3hiLwp/ZCKuqReJbmS+MQjO1jaHT1jDE7cr5+FycMcYIB7p/wmGgNpum6h/bmnGw1ORIbG6+1x+Vdu+dixPuw7Ng4Ckk44rhf2gP+Pf4ff9jnpX/oxq8d/ZYk1HSbX4dXHjUW0tvqGgxWvhC5ti/2e0whaaCQMMC5lRQ/mZwyK0agbGaX2L9oD/j3+H3/AGOelf8AoxqAI/iL8LNK+InxS8PzatqBght9GvoUt9P1i503U8vPasZIpLd0lEYCbXIcA71BBDVV8XfC34Q6XAsmvPZaFYaHo6W11C2uzafaf2aCyIt7EsyRzwglwDcK65Z8cls1fjt8TNf+H+qXR0m4jSGHwnqmpiKWFXQXEUtsscrE4OEErkqGAI6g4FeO/Fqw1bQf+Fm2Fx4vk8danF4S0aaObVltre4DPqUxVZWtYkRY2I+UiHIAYkuegB6f8OfBfwH8e6hEngfxVa+K20iK38+x0bx1d39uyx/LA93bpdtHOwCKoedXJEaDJCKB3Nr8I/A3gfW5vFsn2qxFt51wBqGu3b6ZZGTPmSRWssxtrckMwLJGpAdgCAxB8u8ReLPHA+IFxqXifwt4f0DWvCfhrUdX0aDR9Xm1U6yzpseMPJbWxRYikZdApLGSIggLzifELXPEWk+BdU0jUfG1546tPEXg661ppby0tIhZMjQBfJNtDGPJfz2AEpkb5Bhz82QD3fR/gn4I0OLw0mn6DDbp4cnnudJ2yyH7NJMGErDLHdu3Nw2QOMAYGEs/gn4PsfGJ8SxafdDUfPkuo4G1O6axinkBDzx2ZkNvHM25syrGHJdyWyzZ8R1j4rfEif4m61Ppln4lXRdD8Q2ui/Y45fD8GiSwv5Ad7h7idb/znWcsnlbVJEICPlt31XQBwmqfBfwlqvh/Q9FazvbOz0M/8S2TTdVu7K5tht2lVuIZVl2sOGUuQwxkHArofC3hLSfBOhwaPodmun6ZA0jRW0bMyqXdnbGSTgs7HGcDOBgcVtUUAeVftP8A/JFtY/6/dN/9L7euj+IXg/wz40j0rT/ENxcWdy1w39ny2Gr3Gl3hl2MWWGe3ljl5QMWVWwVU5BArnP2n/wDki2sf9fum/wDpfb1c+LXi7VvDOqeDYdNuvs0eoXt1Dcr5avvVLC5mUfMpxh40bIwflweCQQAm/Z78CzWljavpl55Fpp9zpYVdXvV+0QTtumW4ImzcMzZYvNvfcSwYMST0GtfDbw74hvp7u/077RcTQ21vI/nyLmOCYzwjCsANshLZHJ6HI4r5j8Ra/wDEFvhSkmsfEHUL+fxT8Or7V7lINPsYYrG6igtmza4t9wVxM4YTNL1ypTjH1R4LsJ9L8JaPaXOpXWsTw2kavfXqxLNOdo+ZhEiRgn/ZVR7UAcd8V/hRH4q0XVZ9H0qxu9dvp7WeX7dqd5p/mmDcI/Lu7YmW0kUM2Jo1YjJBVgeJfgb8Ob74deG9Si1KO2ttQ1TUZNSmtLO9mvo7csiIE+0zqslw2IwzSuqszOxI7n0migArK8V/8ivrP/XlN/6A1atZXiv/AJFfWf8Arym/9AagDzf9nn/kh/wz/wCxc0z/ANJY69dryL9nn/kh/wAM/wDsXNM/9JY69doAKKKKACiiigAooooAKKKKACiiigAryr4Bf81G/wCxz1L/ANp16rXlXwC/5qN/2Oepf+06APVaKKKAPKv2gP8Aj3+H3/Y56V/6Mauy8XfEHwx8P4bKTxN4j0jw6l9MLa0OrX0VqLiYjIijMjLuc9lXJ9q439oD/j3+H3/Y56V/6MaoviLpeu6d8T9B8Tab4Uu/GNh/ZV3o09rZXFpE9o00sLiZhcSRgxERlW2FnGFwjc4ANDSfj14RXwX4U1/xRr+ieC5PEUKvZ2esatDCZXOMxxtIU8xhlegzyOOa0bH4zeDL/wAa+JfCsfiPTRrXh22jvNTt2vYg1tE6ltzrv3KFUKWLAAB0Ofmr5x1H4Q/FO38AeGvCWm6VqOgxjwcNFdvC7aI0ENyQ4eC9mvYnl+yqCgT7JGT80hKg7QNzUPhv488W+EvE+mf8I1q3hm71TRtCnina706TbPZMPOszmSZfMYL8rPG8JDDc33lAB9GeD/HXhv4iaONW8K+INL8TaX5jRfbtHvYruDev3l3xsy5GRkZyM1v1438A/CniHS73xRrviQeLUvdVe3jC+MLjR2unESMA/l6XGsCD5goYu7sFGQoUA+yUAFFFFABRRRQAV5V4G/5OG+Kf/YO0P/0G8r1WvKvA3/Jw3xT/AOwdof8A6DeUAaHij42+GdB8S2Xhu11fSdV8Syaja2N3osGpRfbLOOdgomkhG5woyCMqAcjkZrVj+L3gW41TW9Lh8aeH5tU0OJ59VsYtVgaewjT77Txh90QXuWAA7147H4F8XR6hZeHz4LmuYtP8bt4lHiae7sxbS28lzJJmNRIZ/NVZQjK0SjarbWbgNzvhHwL8Ul8deF9T1nQ9eaz06fULW60930GDS7Q3MbqLiwW3C3DQBvvfaJPNIcHymYsUAPatI/aK+GereDfDvilvHXh7T9H8QHZp819q1tEJ5eA0KkyYaVWO1kUkg5B5q9ffBXwhqHjIeJ5dPum1Jp47t4U1O6SwlnQAJPJZiQW8ky7VxK0ZcbFIbKrj5zk+FXxIt9J8N3SaV4304nwnB4XvdI8PT+HHljeFnVnla+EyfZ5gwYGF/MAUb484C/Vng3RX8N+EdE0iWSaWSwsYbVmnmEzsURVJZwiBzxy21c9cDOKANyiiigArw39mX/khPhD/AK9W/wDRr17lXhv7Mv8AyQnwh/16t/6NegD3KiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAPIv2VzKPgj4eEgBjzdFGz/09S8UVD+yvNJ/wpvw7EZN0YF0RwOD9ql4ooA9dmtYrkDzEDY6HvXlv7P8AGsKfEVEGFXxlqIA/7916qsiMxUMCw6gHkV5b8Av+ajf9jnqX/tOgD1WiiigAryP4H/8AHn8Tv+xv1T+SV65XlXwC/wCajf8AY56l/wC06APM/wBn/wCGvi7xr8Hfhn/wkPinRZ/B1nFY6pbaTp2gzW98WgIkgSW7a8kRgrqpYrAhbbgbQSKw/hSLr4e3j/ELXrtNT8Ix+INc051khCDw6JNRlH2sNuwyuw2yuwyqshG1Vk3fXtFAHk3x8kWa0+HjqwdG8ZaUQynIILtgg1z37QPiTxFoevXMegX19BOvg3V7pIbVmP71JrQLKqAENIqs+04JGSB1NdL+0B/x7/D7/sc9K/8ARjV6rQB8n+AvDvg74jeLPG+i+CvGV94p0HUPCFlFBq82sza0kNx9quyGjvJXkZ3RwrFPNYIVUBUzy+/8Wa18QvB2v+PY5LrSZtNtrLw5dSWTFZrBftETazLE6glSi/LuUAr9nZgQRx9W1geG/Ftn4nvNctrSOeN9Hvzp1x5yqA0gjjkJTBOVxKoycHIPHQkA+Stdv/COrX+nnTPHWp6t8LNN8T6O9t4hPjS8uLdLqRbhZ4RqJuS8igi2+R5WCvJtXaTtqbwH438V6h8cLe3vtd0iz8Uf27ew3+jv451K6vTpytMEA0AWn2eJRGsLLcBhuwpMrGQg/Z1FAHyt+zb4vtLr4oXek2/i/wD4TW8ksZpry+0/xld6opkWVMtfaXcqf7Ily7KsMLbciRWUbFC/VNFFABRRRQAV5V4G/wCThvin/wBg7Q//AEG8r1WvKvA3/Jw3xT/7B2h/+g3lAHl+j2upfEb4kR6FqvifxHDoxk8TPLbaZrVzZPL5Oo26wL50MiyIIwxACsvBKnKsQWfBO4s9Q+KXgLVtd8RX83iXUPAcP2aK81udRfOkzLKwtvMEczKpVmbYSCQx5INfTdjeSXiymWynsSkrxqk7IS4DEBxsZhtYDIBIbB5UHio/7bsv7bGkeeP7RNubryNrZ8oMF3Zxj7xxjOaANGvn39n/AML6Pp998RtZtdLtINXvvGOrrc38cKieZVumCqz4yVGOFzgEk4yTX0FXiPwM/wCPPxz/ANjlrX/pU9AHtMP/AB7x/wC6P5VzHjj4X+EviVHap4o8P2GtNZsXtZrmIGa3YjDGKQYaMkcEqRkcGunh/wCPeP8A3R/KpaAOT8D/AAv8JfDWO6Twv4fsNFa8YPdTW0QE1wwGFMshy0hA4BYnA4FdZRRQBS/smx/tb+0/sdv/AGl5P2b7Z5S+d5W7d5e/G7bu+bbnGeaS20qys7+8voLK3gvbzZ9puI4lWSfYNqb2Ay20HAyTgcCr1FAHlHwFUMvxHBAIPjLUgQeh/wBXXpOmaRY6LpsGnafZ29hp9vGIobS2iWOKNAMBVRQAoHoBivNpv2fbH+1dVvrLxj4w0f8AtK9lv57bTdUEEPmyNuYhRH9BkknAAJOKzJvgnMk0ij4j+PsKxA/4nfv/ALlAHps3gvw9c6HZ6LNoGmS6NZvDJa6c9nG1vA8Th4mSMrtUoyqykAFSoIwQK4f9oD/j3+H3/Y56V/6Masf/AIUrP/0Ufx9/4O//ALCs/WP2dbXxAtmNQ8eeOrsWd1He24k1r/VzRnKOPk6qTxQB7ZdaLp2oXQubmwtbm5EElt500Ks/kuVLx7iM7WKrleh2jI4FYGh/CLwL4Y0eTSNH8FeHtJ0qUbXsbHSoIYGAfeAyKgUjf83I689a4L/hSs//AEUfx9/4O/8A7Cj/AIUrP/0Ufx9/4O//ALCgD1260Ww1C8sbu7sLa5u7B2e0uJoVeS3ZlKs0bEZUlSQSMZBI6VgaH8JfA/hm31iDR/Bnh/SYNZYvqcVjpcEK3zEklpwqgSHJbls9T61wP/ClZ/8Aoo/j7/wd/wD2FH/ClZ/+ij+Pv/B3/wDYUAeh6h8L/B2reMLLxZe+EtCvPFVkgjtdcuNNhe+gUbsBJypdQN7YAI+8fU11VeJf8KVn/wCij+Pv/B3/APYUf8KVn/6KP4+/8Hf/ANhQB7bRXiX/AApWf/oo/j7/AMHf/wBhXEf8IDq//C7f+EY/4WV46/sr/hHf7R2/2wN/nfafLzu2dNvb1oA9P/af/wCSLax/1+6b/wCl9vXo2oaPYaq1u97ZW149u7PC1xCrmJmRkYqSDtJV2UkdQxHQmvEde/Z1tfFGlyadqvjzx1fWMjxu0EutZVmR1dD/AKvsyqw9wK0P+FKz/wDRR/H3/g7/APsKAPU5PCOhTW8FtLounPbQWj2EMTWkZSO2cKrwKMYEbBEBQcEKARwKsaHoOm+F9HtNJ0bTrXSNKs4xDbWNjAsEEKDoqIoCqB2AAFeSf8KVn/6KP4+/8Hf/ANhR/wAKVn/6KP4+/wDB3/8AYUAe20V4l/wpWf8A6KP4+/8AB3/9hR/wpWf/AKKP4+/8Hf8A9hQB7bWV4r/5FfWf+vKb/wBAavJ/+FKz/wDRR/H3/g7/APsKZJ8D3nieOX4iePJI3UqyPrQKsCMEEGPkEUAaf7PP/JD/AIZ/9i5pn/pLHXrtcX4O8OWng7w9oegaf5n2DSrWCxt/NO5/LiVUXccDJ2qMnHWu0oAKKKKACiiigAooooAKKKKACiiigAryX4FyGG3+JbjBK+MdTYZ6cCOvWq8l+BcZmt/iWikAt4x1NRnpyI6AMr4N+IPir488J+G/GWreJfB66Lqdot9Lo9l4Xuo7lUZSRGt02pOu4HGWMJBwflGeGfCD44av8ZtJ8L/2MNLe8S0gvPFF2kbvb2TyIHWziUSZE7Blb5mby0KsytvUGT4M/st+CPhn4V8OSz+B/B6+O9Nswk/iKx0iAXLXBUq8q3BjWQltxyxwSCc9aqfDz4D6x8K/DngOfw6uj2/iXS7SHS9egR2hs9VtS7NIxdYixljZ3ljYr8xZ1YqJCygHSftAf8e/w+/7HPSv/RjV1HiLx1pnhXXEi1XWrTTrSPS7rUpoZ7aQv5ULxh5vODbFVA4BUqWYuCCApB5f9oD/AI9/h9/2Oelf+jGqL4wfCHUfiVqc8lre29lBJ4c1DSA8u4us80tu8bbVHKDyG3fMDyAAcnABzOqftMrqF54j/wCEag3W+maXp16sOtaVeWF2HuL54GLwXCxSBCi5RtoDEEhmAwPSPHHj5vB3irwtZzPa2+k6h9te+urnIMMcFu0u9W3AKMjkkHj0615/c/Cfxz4/n8T3/iuTw94cutU0K00y1g0a5n1JLa4t7mWdZneSK3MqlnjOwKpG1huOQw1n8F+PPHmsxaj4u03wnpS6XZXcGn2Nndz6tBeTzx+WZLkSQW+2ILkGFQxbecuNoBANvTPj94K1LSdW1H7dqVhBpixyXEWq6JfWFw6yMViaGCeFJJw7DapiVgzfKuWOKVfj54K/4R2PWJL7UbW3e+/s0Wt1ot9BfC6KF1ha0eETq7INyqYwXDLtzuXPkY/Zz8a694R1nS9Qlh8N25lsbzT9DsPHGsalAbi3nEpK3kkcM9jGygRCO3BVAAwUkbTv+B/gFrGkyaVqF9aWWnahH4kh1e8gbxRqniB2hitZYEH2u+G933SAhRHEqqMZYjJAPe7e4W5gjmQOqSKGAkRkYA8jKsAQfUEAjvViiigAooooAK8q8Df8nDfFP/sHaH/6DeV6rXlXgb/k4b4p/wDYO0P/ANBvKAJr749+FPDbSW+qazNqN/Jc3qW9nouhX1xcSLbzrFKiQRJLJI0ZdQzKMEAuFCgkS6D8dvD3ij4gaZ4Y0iPUL9dS0Rdct9Ui066No0LthAZvK8tSQCcM4II24ycVkeC/g/q3h34hLr93Pp8tsp1wqsbu0g+23kM8WAUA4WNg3PBIA3DkQ/DH4V+J/AOv+E5JhpN5p9p4aXRdRlS8lSWKaOZpEaFDCRKrbiCWaMrgEBs4AB7PRRRQAUUUUAFeG/sy/wDJCfCH/Xq3/o169yrw39mX/khPhD/r1b/0a9AHuVFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAeT/ALLcap8C/DRVQCxuiSB1/wBKmop37Ln/ACQnwz/29f8ApVNRQB6NZf8AIRu/qK86+AX/ADUb/sc9S/8AadehM32G+lkdW8qQffAyAfevO/2f5FlT4iuhyreMtRIP/fugD1eiiigAryr4Bf8ANRv+xz1L/wBp16rXk3wJk8mH4lSYzt8Y6k2M9cCOgD1mivG/hb8UPiP8RtH0LxHN4H8L6X4U1SAXYuI/FlzPfRwspZT5B01ELdAV84AZOGOObngX44v8Q7HwcdG0NZdS1mwh1bUrdr0+XpNpIDtZ5BGd7sysI02qW2sSVCk0AP8A2gP+Pf4ff9jnpX/oxqyfjvpviHRNZ03xP4P0251DWb+yuPDU62sTP5YnG62uJAAcJDMpJY4AWViTWt+0B/x7/D7/ALHPSv8A0Y1d3fa9Hp+uQ2c9xp0ELWc13IZrwJcBY2QFliK/NGA3zOWG07Rg7sgA+OfjV8P7zTdefS9A8FQtd+F9O09NEvv+EKv9Xv54IArySWOppMtvYOpDgxBWldkLbXLop9Glku/D/ixfGV3ofiBtDh8Z3F8/2TQry5uvs82kJEkotY4mnZfMIUlUO05zja2O0vP2mfDt4usXXha50vxlpOn2VpdLqWj6rHPBM8121u0QeMOoKbdx5JOcYHWu+8ReNF8P+KvDOjParIustcg3DS7RAIYTLkrtO7OMdRjrz0oA+R/GvgrxDq1hot5rnhyGTwi+pa/NNpXiTwDfeKkS4mvzJbTNp9rOjqzQ79sxVlUMwJUuM/VXwa0rUtD+Ffhax1e5ubvULewiSWW8tfs0x44DRGWUowXaCpkYjHLE5qXQPi94F8VaNq2saL418O6xpOk7v7Qv7DVYJ4LPALHznVyseACTuI4GaWz+LngbUPC8fia08aeHbnw3JI8aaxDqsD2bMgZnUTB9hKhWJAPAUk9DQB2FFQW9xFdwxzQypNBIodJI2DK6kZDAjggjkEVPQAUUUUAFeVeBv+Thvin/ANg7Q/8A0G8r1WvKvA3/ACcN8U/+wdof/oN5QB5fo/wbtvGvxIjg8YeEW1fw8sniaR7XWLFpLGZpdRt3gMiOpR9yqXTcD9zcvKgiX4I+A7TQPiL4B1TWvB9xFrx8DxafFrFzoksktvJFK26GW6MZ8lvKZQFkZSw4Xdgge1aj8W/CnhfTbq98UeK/DPh62gnmjM9zrUKRBY5hFl3k2BWDMisvIVnC7iSCW2/xk8GX3j+z8GW3iLTbnxBeaaNWt7SK8hZpbcnCuih9zAjLAqCCoJzigDuK8R+Bn/Hn45/7HLWv/Sp69urxH4Gf8efjn/scta/9KnoA9ph/494/90fyqWoof+PeP/dH8qloAKKKKACiiigAqI28TEkxKSe5UVLRQBF9mi/55J/3yKPs0X/PJP8AvkVLRQBF9mi/55J/3yKPs0X/ADyT/vkVLRQBF9mi/wCeSf8AfIo+zRf88k/75FS0UARfZov+eSf98ij7NF/zyT/vkVLRQBxHxO8O+Cde0C2t/G/2GHSluVeJr28NonnBXCgOGXJ2l/lz0ycccfN3/CufgR/w0N9m+0aF/ZP/AAi3mf8AIdby/O+14+/533tv8OenOK+tda8O6X4ltUtdX02z1W2jcSrDewJMgYAgMFYEA4JGeuCfWvF/+FZ+D/8Ahpv7N/wimh/Zv+EQ8zyf7Oh2bvtuN2NmM44z1xQB6J8MfDvgnQdAubfwR9hm0prlnlayvDdp5xVAwLlmwdoT5c9MHHPPZfZov+eSf98iqOi+HdL8NWr2ukabZ6VbSOZWhsoEhQsQAWKqACcADPXAHpWnQBF9mi/55J/3yKPs0X/PJP8AvkVLRQBF9mi/55J/3yKPs0X/ADyT/vkVLRQBF9mi/wCeSf8AfIo+zRf88k/75FS0UARC3iyMRoD/ALoqWiigAooooAKKKKACiiigAooooAKKKKACvJPga5jt/iYynDL4w1NgfQgR163Xk3wJj86H4lR5xu8Y6kucdMiOgDyn9n34saZ44tfCt3qP7Sf9teMb238658Ei88Prun2MzweRFZrdDZgnaJNw2ckgHPQfs9/GbWvjppnhu3tde8mXR7C2vPEd6LeJJ9QuJAwEEUbJtWEFXEkyKAWUxowZJNvsPw08Cf8ACu/hroPhP7d/aH9l2KWX2zyfL83auN2zc2M+m4/WuR0L4FzeFfDXgC20fX1tfEHhSCKxOqvZs0d/Z8Ce3lgEo+VgAyneTG6qw3AMrAE/7QH/AB7/AA+/7HPSv/RjVr+OPiVpXgPXh/at1qMUEGiXuqyQW8MTwPHA8IZjx5plBkAVVIUhm3DIUjI/aA/49/h9/wBjnpX/AKMarvxM+Dlv8TNQlnudSezhl0O90UxxwK7KZ3gcTKxOMoYB8pU5z1GOQDyf4gfHLxjdWfjpLOx174e3dj4f0+7trXVbWyluLeWe+khaZHja4gclFHylm2kDcqk89rea1r3wP8SaKviPxvqXjPwvq/2lJ7rXLSyjutOkht5LjejWdvArxMkMilWjZg20hsZWqWufs/8AivxhpfidvEHjvT7nXtZ0m10qO4sfDzQWVt9nuXnSUQNdPIxYvhlMwB2grt5FbcnwZ1zxtPJJ8S/E+n+JYks7mxtLHQdHfS7aEXETRTSustzcvJLsZlU71VQzfISc0ASab+0NpjWd7da94a8Q+Dki059VtF1qK2Z9QtVKhnhW3nlIYF4x5cuyTMi/L1xoaP8AGb7Vcadaaz4M8T+EtQvtRj02K11iK1bLPDJKsglt55YmXETAhXLKcBlAINcxN+z3rHimzuofGni+31lodIl0bSZdK0g2JtY3eN/OmDzzLNMGghOVEafK3yDdxpah8MPH2u6Nay6x480a68T6dqEOoaZd2/ht4dPgaNHRhJam8aSUusr5P2hQCEKquDuALusfHmw0/VP7L07w14g8Q6u1/eabFY6bFbBpZbaOOSQh5Z441UrKMM7KCQRwSoal4d/aS0LXFtrq60PXvD+i3WmXGqW+satDAlvKtuFNxGFSZpQ8eTndGFbaSjOMEz+D/gveeHfE9nruoeI11W+iv7/UJ9lgIEkku4oUZUAdtioYSQCWOGALEgs1SX9nWx1Dwp4e8PapqpvNO03TdR0y4CWwRrmO7TYzDLsEKjpkNk+lADpv2j9N0nRdV1HxD4U8TeGhY2keoxWuoQ20lxfWrSrF50CW9xJ91pEzG+2Qb1+TJArL8WftJX+j6PqLWfw78SLr9hq2m2MmjXraes0sF3OqJOjC88rawDqoaRWVwN6quTWN4S/ZDs/DOk6zaJ/whWlTXkNvbRXXhPwRBpEnlxTpMWuGWZ2mdvLUfK0aAkt5ZOMdv4++C974s1LxBqWm69Bpmo6g+kzWzXWntcw28tjO8yl0WaMyq5YAqGQgDhjngA9QhdpI1ZkaFmGSjEblJHQ4JGR7EivMPA3/ACcN8U/+wdof/oN5Xp8PmeWnmsryYAZlUqCcckAk4Htk/U15h4G/5OG+Kf8A2DtD/wDQbygChJ8fbLTdQOkafofirxjrVxc6mYLO0hskkItLlIpkV5JYYlRfMBUyMGZVIJLkA2fB/wAdJfHXxD0bSdL8M6p/wjupeHY9dTWJ/s6LEXcqsboZ/MBG1lIWNhux823mr3hP4M/8Iv4zGv8A9sfacHVj9n+zbP8Aj9uo5/vbz9zy9vT5t2flxg1vAfwbv/AOueGru18QW1zZaZoP9h3lvNpzCS62yGSOWOQTYiwzNuVlk3DGCuMkA9WooooAKKKKACvDf2Zf+SE+EP8Ar1b/ANGvXuVeG/sy/wDJCfCH/Xq3/o16APcqKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA8j/ZYtzF8EfDz7yVc3J246H7VLRVb9laE/wDCnfD0gQqmLoFm7n7VL0ooA9lryr4Bf81G/wCxz1L/ANp16dHdLNNJGAwZOpI4rzH4Bf8ANRv+xz1L/wBp0Aeq0UUUAFeSfA1DJb/ExFGWbxhqagepIjr1uvJfgXIYbf4luMEr4x1NhnpwI6AMD4Dfs823gPwH4Un1SXxPbeKbKwVbmwl8YalPYpMUKsotPtTWpUZOFVNo4KgYGMX4K/BzxB8CvC/g2+0TQpGvry3t7TxfoUd5GzSSEBReo7yiMyQ8KwDfNCoVcmKNT0nwb8QfFXx54T8N+MtW8S+D10XU7Rb6XR7LwvdR3KoykiNbptSddwOMsYSDg/KM8M+EHxw1f4zaT4X/ALGGlveJaQXnii7SN3t7J5EDrZxKJMidgyt8zN5aFWZW3qCAbv7QH/Hv8Pv+xz0r/wBGNWP8dvhnr/xA1S6GkW0bwzeE9U0wSyzKiG4lltmjiYHJw4icFgpAHUjIrY/aA/49/h9/2Oelf+jGrqPEXjrTPCuuJFqutWmnWkel3WpTQz20hfyoXjDzecG2KqBwCpUsxcEEBSCAeN6h8P8AxZ8TNW8ZawfBH/CEz6l4d06xs49avLUzTXVrdzTrHObR5lWL5kAYMxw7fKpGDv61pvib4vaxBcat8PL3QNM0iwv4jY67qlqr6rNcQmERRvaSz+XDtL5kcq4LLhOpGN4u/aenubLxjL4OSNJNJ0Sxv7ZPEWi31pOk1xdyQBprabyJTEVTcuAu4hsMR06+z8Z+MPh/4n0nTPiFqfh7WNM1kTrbazoumzaWtpNFC0zRzxS3NwCjRRyMJRIuCu0ryGoA8ivPhh8SvGXhPWYPsPirSFtW0ueyHiRvD76yy2t0Jja209sssDxKoyn2wMxl5ZtrMw6Dwf8ACbxPqF5pesa1ZeJrmeXxdbavdx+MLrR2u0jgspIlmMemxpAvz+WAFaRyEVjjlR6r4d+PfgnxNa6lc2up3Vpb6faNqEsmraVd6cJLUdbiH7REnnxdP3kW5fmXn5hmXw38cPB/il4IrS8v7W6mvI7BbLVtHvdOuvNeN5EzBcQpIqssblXZQrbSAxIxQB39FcBr3xx8HeG5Ghu9Rupbr7XcWSWljpd3eTyzwKjzRxxQxM8hVXVvlByNxGQrYi8MfHzwN4wvFt9L1iaVXsX1KO7uNPure0kgTb5pS4ljWJmjLASIrFozkMFIIAB6JRXmll+0R4Eu9F1bVpNUvNN0/S4o7i5m1bSL2wHkO4RZ4xPChlhLHHmxhk77sVkeIv2oPCGh+HbzVLeDXr97LVLPS7mxHh7Uo7pGuJFVJFha28x4ypZldVKuV2qxYgUAexV5V4G/5OG+Kf8A2DtD/wDQbyvT4ZBNGki7gjDIDqVbkdwcEH2IzXmHgb/k4b4p/wDYO0P/ANBvKAOZ8DfCfWdP+KtrruqaPGLW2fxE8Ny8sTmM3d7C8JUBiQXiV+3AyGwTgnwd8D+JfAviDwZDqHh24Wzj8Ix6TdXcFxbNFY3EUzSbJB5odgysADGrjIOSowT1l98e/CnhtpLfVNZm1G/kub1Lez0XQr64uJFt51ilRIIklkkaMuoZlGCAXChQSJdB+O3h7xR8QNM8MaRHqF+upaIuuW+qRaddG0aF2wgM3leWpIBOGcEEbcZOKAPSq8R+Bn/Hn45/7HLWv/Sp69urxH4Gf8efjn/scta/9KnoA9ph/wCPeP8A3R/Kpaih/wCPeP8A3R/KpaACiiigAooooAKKKKACiiigAooooAKKKKACiiigAryr/m6b/uTP/b6u28aeNNG+Hvhq817Xrz7DplqF3ybGkdmZgiIiKCzuzMqqigszMAASQK8T/wCEq8d/8LY/4WD/AMKl8Qf8I7/YX9mfZvt1j/aePtHm+d9m8/GNv8G/zO23d8tAH0XRWB4L8aaN8QvDVnr2g3n27TLoNsk2NG6srFHR0YBkdWVlZGAZWUggEEVv0AFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFeO2/wb8YaHqmvXHh/4jf2NZatqc+pvaf2HDPtklbJG93JOAFHYfLnAya9iooA8Yl8H/FCOV1HxZUhWI/5Fu17H/epv/CJfFH/AKKwv/hN2v8A8VXsDWMDMWKZJOTyetJ/Z8H/ADz/AFP+NAHgvij4RfEDxcmlrqPxWZhpuoQanb+X4etlxNExKE/NyMnkd62/+ES+KP8A0Vhf/Cbtf/iq9f8A7Pg/55/qf8aP7Pg/55/qf8aAPIP+ES+KP/RWF/8ACbtf/iqP+ES+KP8A0Vhf/Cbtf/iq9f8A7Pg/55/qf8aP7Pg/55/qf8aAPIP+ES+KP/RWF/8ACbtf/iq4u+uvizovxY03wzqHxQjj03W9Pkm0u9Xw5bfNdwEtPbsN33jEyyKc8iOXj5cn6T/s+D/nn+p/xrhfjN8OZ/G/geZNF8u38UaXPHquh3EhIWO+hO6MMc/ccbon9Ulcd6APCl8efEvTfBXj3xHqnxMVYPDWq3emxW9t4ctmkvGjKLCigt/rJHdUA6bmArvfDPhT4yy+HdMfW/ipbw6y1tG15FbeHbZo0mKguitu+YBsgNgZxnAzgeU/s46tD+0F441F4rC4s/C+heI7rxNqFvc5DHUpQqWlo44+aArNK47Otua+yP7Pg/55/qf8aAPIP+ES+KP/AEVhf/Cbtf8A4qj/AIRL4o/9FYX/AMJu1/8Aiq9f/s+D/nn+p/xo/s+D/nn+p/xoA8g/4RL4o/8ARWF/8Ju1/wDiqxdN+EfxA0rxVrXiGD4rMNS1eG2humbw9bFCsAcR7V3cH962fXj0r3n+z4P+ef6n/Gj+z4P+ef6n/GgDyD/hEvij/wBFYX/wm7X/AOKo/wCES+KP/RWF/wDCbtf/AIqvX/7Pg/55/qf8aP7Pg/55/qf8aAPIP+ES+KP/AEVhf/Cbtf8A4qj/AIRL4o/9FYX/AMJu1/8Aiq9f/s+D/nn+p/xo/s+D/nn+p/xoA8g/4RL4o/8ARWF/8Ju1/wDiqP8AhEvij/0Vhf8Awm7X/wCKr1/+z4P+ef6n/Gj+z4P+ef6n/GgDyD/hEvij/wBFYX/wm7X/AOKroPhn4KHw68DaR4cF4b9dPjaMXJi8suCzNnblsfex1PSu/wD7Pg/55/qf8aP7Pg/55/qf8aALVFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAeU/suf8AJC/DP/b1/wClUtFM/ZZkWT4F+GwpyVN0CPT/AEqaigD0my/5CN39RXnXwC/5qN/2Oepf+069Gkt5oLpp4VWQOMOhOD+Brzb9n9mZPiKXXY3/AAmWo5XOcf6vvQB6xRRRQAV5L8C4zNb/ABLRSAW8Y6moz05EdetV5J8DXMdv8TGU4ZfGGpsD6ECOgDM+DP7Lfgj4Z+FfDks/gfwevjvTbMJP4isdIgFy1wVKvKtwY1kJbccscEgnPWqnw8+A+sfCvw54Dn8Oro9v4l0u0h0vXoEdobPVbUuzSMXWIsZY2d5Y2K/MWdWKiQsvE/s+/FjTPHFr4Vu9R/aT/trxje2/nXPgkXnh9d0+xmeDyIrNbobME7RJuGzkkA56D9nv4za18dNM8N29rr3ky6PYW154jvRbxJPqFxIGAgijZNqwgq4kmRQCymNGDJJtAO6/aA/49/h9/wBjnpX/AKMaovjB8IdR+JWpzyWt7b2UEnhzUNIDy7i6zzS27xttUcoPIbd8wPIABycS/tAf8e/w+/7HPSv/AEY1a/jj4laV4D14f2rdajFBBol7qskFvDE8DxwPCGY8eaZQZAFVSFIZtwyFIAPMfF3wl+JfxC03xdfarb+FNL1jVNEsdNs9Ns9Uuri3WW3u3mLSXLWqNtdXUALCShB+/kEb+tfDTxp8Y2dPH0Gh+F7C1s7u3tLLw5qc+pvJPcQPAZ3nlt7baEjkcLGqHJbcXGNtQ6P418UfFbx1rvhwv4r+Fgi0Syvo4pbbTZL2B3uZ1Z1crd27B0iVSuWKjqqMQTS+DniHXdD03RdX8W+O/E/i0a5q13ocMd9Z6VFZ2ksc86wuxt7aCQM6wBM5ZSzgbRkEAEWrfBnx18RrKWPxU+gaFNp2hzaPpbaNfT3iXUjvA/2icPBC0S5tox5KtJw7fOcDO/rnh/4peLNL0zU9R0nwhZeINE1WDULDR7XWbqS1nCxSxy+beNaKybhMSqrbNtKcs275b+sftBWVnri6NpPhPxH4o1SRr0W9tpSWi/aFtJYop3V57iJAFeXaN7KWMb4B+XdHL+0RpdxpumXeheF/EfihrrTxql1a6bDbRzabbbnQvcC4niG4PHKvlxl3JjbCkDJAKXgn4T+JtN8a2PiHWp9JEg1TVNRuLexllcRrdQ26JGpZF3FTEwLELuGGCjcVXLuv2edT1rwL4X8N3+o2tvHZaRq2mXtxayOWH2tNiPF8qk7epyV9s10OlfFhNJvfG9zqmpjUNEtdNh8T6VciNV3afLCcou1Ru2yROQTlsSqCTWRoXx2vPC+j29p4l0TX9butMtoJfE3iGxgtEsdIlmUS+XIpljkcRq65MMUu1cFjnJoA4/Q/2aPEcmk6zHqVpY2moyWdvp9tcXPjXW/EHnRrdQzSsRffLbKwhH7pFkJJAMmF57n4kfCfxJrms+JdY0RtKuLq6l0O5sbXULqWBJHsbp5nSWRYpDGrBgAyq5znK+q6P+0Fcyr4qOoeC9bSax8QtoOj2ds1m8+ryCMNiL/SiqnCu5aZolCYyQQwHoXgXxtB480ea7SwvdIvLa4e0vdL1LyvtNnMuCY3MTvGTtZWBR2UhlIJzQB0EPmeWnmqqSYBZVYsAccgEgZHvgfQV5h4G/5OG+Kf/YO0P/0G8r1WvKvA3/Jw3xT/AOwdof8A6DeUAU/Bfwf1bw78Ql1+7n0+W2U64VWN3aQfbbyGeLAKAcLGwbngkAbhyIfhj8K/E/gHX/Cckw0m80+08NLouoypeSpLFNHM0iNChhIlVtxBLNGVwCA2cB8nx9stN1A6Rp+h+KvGOtXFzqZgs7SGySQi0uUimRXklhiVF8wFTIwZlUgkuQDZ8H/HSXx18Q9G0nS/DOqf8I7qXh2PXU1if7OixF3KrG6GfzARtZSFjYbsfNt5oA9brxH4Gf8AHn45/wCxy1r/ANKnr26vEfgZ/wAefjn/ALHLWv8A0qegD2mH/j3j/wB0fyqWoof+PeP/AHR/KpaACiiigAooooAKKKKACiiigAooooAKKKKACiiigDyP4weV/wALO+Dn9o4/sX+3bn/Wf6v7d9guPsu/t/z12548zy8fNtr1ysDxp4L0b4heGrzQdes/t2mXQXfHvaN1ZWDo6OpDI6sqsrqQysoIIIBr5N/4T7xR/wANPf8ACmf+FreIv+ER+w/Z/wC3Pslj9v8A7T2+d9g+0+RjH2bnzdvmbvl3b/moA91+D/lf8LO+Mf8AZ2P7F/t22/1f+r+3fYLf7Vs7f88t2OPM8zPzbq9crA8F+C9G+Hvhqz0HQbP7DplqG2R72kdmZi7u7sSzuzMzM7EszMSSSSa36ACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAryfxp4i8S+MviE/gLwlqn/COQ2FlFqGv+IY4UmubdJmkWC3tVkVo/OfyZWZ3VgiqvyMZFK+sV4n4i8QW/wAFPjHrHiXxAfsngrxVZWkU+uOv+j6Ve23mLi6fpFDLFJHtkbCq0ThmG9cgGXp/7PetfBix1vV/hd4n1K81W9v5ta1DQfETwS2Wt3Um0zM8ixLJBM4UASq20HBZHAwPYPAPjKw+IfgvQ/E+l+athq1nFeQpOu2VFdQ2x17OpJVh2II7Vxni79orwZoenqmi6vZeM/El0uNM8O+H7yK6vL+Q/dCqjNsjyRumbCIDlmArd+DPgq6+HXwt8NeHdQniutSsbRVvZoARG9w2XmKA8hd7NgHnGKAO2ooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDyD9ldrf/hSvh0J/r/8ASt3B/wCfqX8KKP2WLd/+FL+HZ3IAIulVV9PtUvJooA9fryr4Bf8ANRv+xz1L/wBp16Vb3TTXU8ZACxng9681+AX/ADUb/sc9S/8AadAHqtFFFABXk3wJj86H4lR5xu8Y6kucdMiOvWa8dt/g34w0PVNeuPD/AMRv7GstW1OfU3tP7Dhn2yStkje7knACjsPlzgZNAHafDTwJ/wAK7+Gug+E/t39of2XYpZfbPJ8vzdq43bNzYz6bj9a5HQvgXN4V8NeALbR9fW18QeFIIrE6q9mzR39nwJ7eWASj5WADKd5MbqrDcAytUl8H/FCOV1HxZUhWI/5Fu17H/epv/CJfFH/orC/+E3a//FUAan7QH/Hv8Pv+xz0r/wBGNV34mfBy3+JmoSz3OpPZwy6He6KY44FdlM7wOJlYnGUMA+Uqc56jHPB+KPhF8QPFyaWuo/FZmGm6hBqdv5fh62XE0TEoT83IyeR3rb/4RL4o/wDRWF/8Ju1/+KoA3/APw58SaL4vvvE/irxTZ6/qt1plvpZi0zSDp9rGsUsrq6o08z7m83DbpCPlBULkiud8deCZvCHwPvvDNh9u1nXbm9mm0eex015DDfyXT3NvI4UOsSRyFS0khCYU5I3Baf8A8Il8Uf8AorC/+E3a/wDxVcXod18WZPid4g8H6p8UY7eeG2h1TSpk8OW227s2xHJxu4eKZSrDJ+WWI8bsAA3tV+GfivR/HXgW28H6pDpdxpnhvULebV9T0qTULKSaSe0Z/ORJoCZHIkdf3oOQxIYAisrxR+xno+tx6FPCvhLVtUs9NGm3d3418Iw64sw815WmhQyxfZ5TJLIerphlBQ7Qa4r/AIWB8Xbj4L6R4ng+I0EniTXboaXpWlp4ftgk1287xICxJIVVRpXODhI3PavX08I/FMKu/wCLKM+BuK+GbYAnvgbzj8zQBs+LPgfaeIj4KS1v10y38PhbWeGGzRVvbIGJzbbYyiRqzwQt8qlQFZQoDcZ/jT4Hap4i1XxJBpnia10jwv4saNvEGnSaU093MRGkTG2uROgg3xxorb4pehK7Sar/APCJfFH/AKKwv/hN2v8A8VR/wiXxR/6Kwv8A4Tdr/wDFUAZ/jP8AZjj8bWOv2Oo32g6pZT6+viHSbPWvDv2+2tZzCIpI7qJ7gLdRsMkBRCy5B3EgGu8+Dnwvt/hN4ROkW8Gg28klw9zMnhrQotGsQzYGI7aNmKgADl3dic5bGAOT/wCES+KP/RWF/wDCbtf/AIqj/hEvij/0Vhf/AAm7X/4qgD2mvKvA3/Jw3xT/AOwdof8A6DeVl/8ACJfFH/orC/8AhN2v/wAVWLpvwj+IGleKta8QwfFZhqWrw20N0zeHrYoVgDiPau7g/vWz68elAHbeE/gz/wAIv4zGv/2x9pwdWP2f7Ns/4/bqOf728/c8vb0+bdn5cYNbwH8G7/wDrnhq7tfEFtc2WmaD/Yd5bzacwkutshkjljkE2IsMzblZZNwxgrjJzP8AhEvij/0Vhf8Awm7X/wCKo/4RL4o/9FYX/wAJu1/+KoA9prxH4Gf8efjn/scta/8ASp6l/wCES+KP/RWF/wDCbtf/AIqtf4Y+A7j4f6Lf2l5q51u8vtRudTnvDbLb7pJ33v8AIrED5iTxgc9KAPTYf+PeP/dH8qlqKH/j3j/3R/KpaACiiigAor5+8E+Cb/4k6r44vr3xx4w077F4mvrCC20zVmihSJGVlAUq2MbyMAgYAAFdZ/woP/qo3xA/8Hn/ANroA9Voryr/AIUH/wBVG+IH/g8/+10f8KD/AOqjfED/AMHn/wBroA9Voryr/hQf/VRviB/4PP8A7XR/woP/AKqN8QP/AAef/a6APVaK8q/4UH/1Ub4gf+Dz/wC10f8ACg/+qjfED/wef/a6APVaK8q/4UH/ANVG+IH/AIPP/tdH/Cg/+qjfED/wef8A2ugD1WivKv8AhQf/AFUb4gf+Dz/7XXB6pH8NNE8WHwvqP7ROqWHiUTx2x0W68b2sd55r7dkfknD7m3LhcZO4Y6igD1/4r+PP+Fb+BdR1uG2/tDUhstdN08HDXt7K4it4B/vyugJHQZPQGvn3/hQ3/FX/APCF/wBp/wDFS/8ACGf2p/wkO35/7b/tP7T9u6Z/4+fn2/3fl6cV6VrH7L+na9eaVc3/AI78d3U2l3RvLMya3uEU3lvGHAKY3BZHAPUbjgjJqT/hmTT/APhIP7c/4Tvx3/av2X7F9q/tz5/J37tn3Om7n60Adp8KPHn/AAsjwLp2tzW39n6kd9rqWnk5ayvYnMVxAf8AclRwCeowehFdlXiuj/sv6doN5qtzYeO/HdrNql0Ly8Met7RLN5aRlyAmNxWNAT1O0ZJwK1f+FB/9VG+IH/g8/wDtdAHqtFeVf8KD/wCqjfED/wAHn/2uj/hQf/VRviB/4PP/ALXQB6rRXlX/AAoP/qo3xA/8Hn/2uj/hQf8A1Ub4gf8Ag8/+10Aeq0V5V/woP/qo3xA/8Hn/ANro/wCFB/8AVRviB/4PP/tdAHqtFeVf8KD/AOqjfED/AMHn/wBro/4UH/1Ub4gf+Dz/AO10Aeq0V5V/woP/AKqN8QP/AAef/a6P+FB/9VG+IH/g8/8AtdAHqtFeVf8ACg/+qjfED/wef/a6P+FB/wDVRviB/wCDz/7XQB6rRXlX/Cg/+qjfED/wef8A2uj/AIUH/wBVG+IH/g8/+10Aeq0V89/ETwLf/DMeFNV0/wAd+Mb6SbxRpFjLb6jqxlgkhmvYo5FZQgyCpYcnua9M8VeNb7Q/iR4G8PW8Vu9nrv277TJIrGRfIhV02EMAMk85B46Y60AdxRXEf8Jtff8AC6P+ER8m3/s3+wP7V83a3neb9p8rbu3Y27ecbc579q7egAooooAKKKKACiiigAooooAKYyLIpVgGUjBBGQR6U+qWp6laaHpt1qGoXUNjYWsTT3F1cSBIoo1BZnZjgKoAJJPAAoA8n/Zz0LTdIb4kNYafa2TN4w1BGNvCqEgbMA7QOBk4HvXsteUfs5x3F34L1TxFPby2cXijXL/XLS3uI2SVbWWYi3Z1IBVmhSNyp5Uvg8ivV6ACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAPKf2XP+SF+Gf+3r/0qloqH9le5EnwQ8PRldrIbr8R9ql5ooA9Lsv+Qldg9cg1538Av+ajf9jnqX/tOvSp7HfMJY5GilxgsBkH6ivMv2f1ZU+Iodt7f8JlqOWxjP8Aq+1AHrFFFFABRRRQBWaxgZixTJJyeT1pP7Pg/wCef6n/ABq1RQBV/s+D/nn+p/xo/s+D/nn+p/xq1RQBV/s+D/nn+p/xry349eG5rDR9M8d6LZyXWu+DZ21EW0OS95Ysu29tQM8l4QWUd5YYfSvXK8b1DUPE/wAW/HOv6BoPiC48IeEfDs6WOo6rpsUT6hf3xiSZoIGlR0iijSWMM4VmZnZVKGMkgHlP7HdnD8VLPRfE5TzfDPhKC507Rnydl1fTyu91dL6hImigU+rXIr6w/s+D/nn+p/xr57h+GV/+yN4BS+8B6xqGreA/D6S3WpeEdVWGXZZ7mluJrKVI1kWZdzyeW5dZMFVCMwavoe0uor61hubeRZYJkEkciHKspGQQfQgg0AM/s+D/AJ5/qf8AGj+z4P8Ann+p/wAatUUAVf7Pg/55/qf8aP7Pg/55/qf8atUUAVf7Pg/55/qf8aP7Pg/55/qf8atUUAVf7Pg/55/qf8aP7Pg/55/qf8atUUAVf7Pg/wCef6n/ABo/s+D/AJ5/qf8AGrVFADVUKoAGABgU6iigAooooA8q+AX/ADUb/sc9S/8Aadeq15V8Av8Amo3/AGOepf8AtOvVaACiiigAooooAKKKKACiiigAr498E/8ACNf8Jl+2P/wmH2P/AIRf+0rb+0f7Q2+R5P8AZMO7du4+nvjHNfYVcFqnwH+Gmt+LD4o1H4eeFL/xKZo7n+2rrRLaS881NuyTzmQvuXauGzkbRjoKAPlL4SfED4j6h4N0fwtqPi7Uvh+fC3w2s/En2z7LZy3GpSOZgBcG5hlURxRwxBhHsbdIfmAxXR+Dvjh48+Nl/py3vi1vg1BbfD/T/Fk1wtlaSwz3Fw0glM32uN8W0IiXcqPE/wC95deDX094y+GPg/4iNYnxX4U0PxObBzJaHWdNhuzbscZaPzFbaTtHK4PA9KPF3wv8G+PptPl8T+EtD8SS6c2+yk1bTYbprVsg7ojIpKHIHK46D0oA+Zfi7+0F4w8H+HP2ibuy8V2iP4X8N6Zf6Bdw21v5STTwOTLGHD+YruFKq5ccgAnvn/FH4vfFG0uvi3qWieOG0mHwXp2halYad/ZVrNDcyTpmeOdmjLmJ88hGR1PKuo+WvqXxH8J/BHjLVTqev+DfD+t6kbR7E3mo6XBcTG2YENDvdCfLYMwK5wQxyOau3XgDwvepqa3HhzSZ11SOOK/WSxiYXaRjEay5X51QcKGyF7YoA+SfiV8ePiZ8Lz8T/D1trt34o1C1u/D/APZ+oyWdhDPpkWov5cwj3LFAwjKkxGcEBnUSMwBNPX4wfFqG60DwzPrd3o91L8QLfQWv9aXRb3VHsZbNp3iuobCR4IplJG0gISpiYqwLBvrO+8B+GtWOsfbvDuk3f9sWy2ep/aLGJ/t0CgqsU+VPmIAzAK2QAxGOaq6N8K/BXh3S9M03SfCGg6XpumXRvbCzstMghhtLg5zNEiqFRzub5lAPJ55oA+PPFnifxt4tXRvDGqePNWln0D4uw6Ausw2dhHc3duI/PhaZRbGLzIywUFEVWAyyE813S/Fnx9oXxkE+u63q8ngq88WLoOmXeixaNqWgyxsmwQXGxk1C3uhKrqzZeNWAym04H0Tq3wt8Ga9YX9jqfhDQtRstQvBqF3bXemQyx3F0MATyKyENINow7AtwOeKht/hB4DtfGR8Xw+CfDsPiw8nXo9JgW/PyBP8AXhPM+4Av3ugA6UAdjRRRQAUUUUAFFFFABRRRQAUUUUAeLftVaadY8A+HrIXd1YG48W6HGLqxl8ueLN9ENyNg4YdjivOfFnwbkX41fDG0bx943lFwNU/fSayWki22yn5G2fLnofUV6p+0p/yK3hP/ALHHQv8A0vhrubXS7K81a0vZ7O3nvbNZPs1xJErSQbgFbYxGV3Dg4IyODQB4D/wpP/jJD7F/wn3jf/kUvO+0/wBsfvv+Pzbt3bPu98Y6816X/wAKD/6qN8QP/B5/9rr0j+ybH+1v7T+x2/8AaXk/ZvtnlL53lbt3l78btu75tucZ5q7QB5V/woP/AKqN8QP/AAef/a6P+FB/9VG+IH/g8/8Atdeq0UAeVf8ACg/+qjfED/wef/a6P+FB/wDVRviB/wCDz/7XXqtFAHlX/Cg/+qjfED/wef8A2uj/AIUH/wBVG+IH/g8/+116rRQB5V/woP8A6qN8QP8Awef/AGuj/hQf/VRviB/4PP8A7XXqtFAHlX/Cg/8Aqo3xA/8AB5/9rpsP7Ofhu7vLefxFqniPxpFbSLNDY+I9XmubNZFYMrtbArFIykAgurFTyMGvV6KACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDyD9lm6Zvgt4bgMe3AuiG3ZyPtUvain/ss2qJ8EfDkxJZ2+1DJPQfapeBRQB65XlXwC/wCajf8AY56l/wC069Gs5Ha+ulLMVUjAJ4Fec/AL/mo3/Y56l/7ToA9VooooAKKKKACiiigAooooAK8M0fxdp3wL+IfizSfF91Honh7xJqp1rRvEN6wismklijSaymmbCxzCWN3QMQHWVVXcyMK9zqvdWcF9bSW9xDHcQSKVeKVQysD1BB4IoA8Y+Lnxe0XxV4Y1TwN4F1Wx8V+NfEFpJp9taaXOl0lgsyshvLsoSIoIwzMS5UuU2JlmAr13w/o0Ph3QdN0m3Zmt7G2jtY2f7xVFCgn3worzD9k7SbLSvgT4dFlaW9mJDcs4t4lQM32mUZOAMnAA/CvYaACiiigAooooAKKKKACiiigAooooAKKKKACiiigD5t+GvwT8D+ONW+JWsa/o322+Pi7UEeb7XOnyqI8DajgcD2rN8J6X+zz40vtOttN0HW0TUmEdlfajpOuWFjdMQSqxXdxGkLs2DtCuS2PlzXpHwP8A+PP4nf8AY36p/JK86/Z/+Gvi7xr8Hfhn/wAJD4p0WfwdZxWOqW2k6doM1vfFoCJIElu2vJEYK6qWKwIW24G0EigDcb4afAkaEusLpbS2T6i+kR+TLqEkst0krRPEkSsZHYMjZ2qRhWbO0E1k/Gj9n3wFoEPgo6foklobzxTp9nOY9Quh5kMjsHQ/vOjAc1zvwpF18Pbx/iFr12mp+EY/EGuac6yQhB4dEmoyj7WG3YZXYbZXYZVWQjaqybvZPj5Is1p8PHVg6N4y0ohlOQQXbBBoAgf9m74Wx6hHYnwvP50sTSqyz3piCqVBBkD7FbLDCkhmAYgEKxHN+Lvhj8C/AsesPrWlSW39lWUeoXaQyahO6QSSNGjKsbMzlnVlCqC2e3Iq1+0D4k8RaHr1zHoF9fQTr4N1e6SG1Zj+9Sa0CyqgBDSKrPtOCRkgdTXiXivVPBceifEq+8I+M7nxT4Wh8K6RK2rXuuTavbxldTmMpF9O7kkYyymVhHgfKmcEA9c8E/D34GePtSn03TfD+pWepxReedP1y11bSbl4s7TKkN4InkQMQpdVKgkAkEgV23/DLvwy/wChZ/8AJ+6/+OVwnxD+JGmfFrWNEvPhFrWn+NNZ8OW+p6g+oaBcx3ttbM1jNFDA80ZaPzJJXiIiJLEJuK7RmuJtPG0Vno+rn4WeNNY8ZFfC89z4hml1241l9OvleAKdsryG0uNjXbfZ0VBmMfuxtGAD3H/hl34Zf9Cz/wCT91/8co/4Zd+GX/Qs/wDk/df/AByvMrbx54D8LabouueDvilfa14HtPENqdZ1TUPFE2p6fZxvbXCbXv55HO1nMJaN5mVGMZ2oWG5uj6q/xX8cWWn/APCUa83hvUNe1sK2k6vc2X2i3jtrVoQk0TLIIgWLo0bKCGypKsdwB6f/AMMu/DL/AKFn/wAn7r/45R/wy78Mv+hZ/wDJ+6/+OV4xoV54s8P+E/CuvaFrmv6/4r1jw1rKGDU9VuLqGea3RTalbdmaNZFKhd6oHfJ3l2Yk8l4W8a+INR8H+Lv7C8aWAi/s2z+1zaH4+1HxPeWd895CokZ7m1jSycq0oa2DAHH+qAVqAPou8/Zp+FWnx+bc6DHbRF0jDzalcqu5mCquTL1ZiqgdyQByas/8Mu/DL/oWf/J+6/8AjleKfGDw9pnhxPGOi6r4o8Q2/hOw1bw1qs11qPiu/VrPzbxkuH+1NcCSKLbGrbQ4jRhuUKRkfXFr5X2WIxSebCUGyTeX3Ljg7iSWyO+TmgDzL/hl34Zf9Cz/AOT91/8AHKP+GXfhl/0LP/k/df8AxyvVaKAPKv8Ahl34Zf8AQs/+T91/8crzP4KfAf4f6x4E17UtX0K4vpLTxN4itlb7XdyyCC31e8iijVVcs22KNEVVBJCgDJr6hrwP4c3U9j+z78SLq2mktrmDXfGkkU0TFGRl1fUSrKw5BBAII5BFAHQQfsy/DC4gSZPDDhJFDL5l5dowBGRlWkBU+oIBHemw/s1/Cm6muIotBjlkt3EcyR6lcsYmKhgrAS8HDA4PZgehrybxFHq+reHfiB4im8V+JYbvw7pej32lw2es3NtDDcfY0kd3SN1WdXYjdHKGQ4JK5Yk+j/A200aw+LHxjih1a5uNefWree50661me5aGB7OAxyLbSSMsSs3mqGVVDBNoJVFCgG3/AMMu/DL/AKFn/wAn7r/45R/wy78Mv+hZ/wDJ+6/+OV6rRQB5V/wy78Mv+hZ/8n7r/wCOUf8ADLvwy/6Fn/yfuv8A45XqtFAHlX/DLvwy/wChZ/8AJ+6/+OUf8Mu/DL/oWf8Ayfuv/jleq0UAeVf8Mu/DL/oWf/J+6/8AjlH/AAy78Mv+hZ/8n7r/AOOV6rRQB5V/wy78Mv8AoWf/ACfuv/jlH/DLvwy/6Fn/AMn7r/45XqtFAHzL8aPgR4G8E2Pg3VtF0P7FqEPjDQ1Sb7XO+0G+iB+VnIPHtX0HpX/Hyf8AdP8ASvO/2lP+RW8J/wDY46F/6Xw16JpX/Hyf90/0oA16KKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAPKf2XP8Akhfhn/t6/wDSqWioP2VzKPgj4eEgBjzdFGz/ANPUvFFAHpluwi1O4VzgvgrnvXnfwC/5qN/2Oepf+069PmtYrkDzEDY6HvXlv7P8awp8RUQYVfGWogD/AL90AesUUUUAFFFFABRRRQAUUUUAFFFFAHlP7Ln/ACQvwz/29f8ApVLXq1eU/suf8kL8M/8Ab1/6VS16tQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAeVfAL/mo3/Y56l/7Tr1WvKvgF/zUb/sc9S/9p16rQAV5V+0B/wAe/wAPv+xz0r/0Y1eq15V+0B/x7/D7/sc9K/8ARjUAeq0V4z8TvhbpfxK+MXhpPEnhyPxF4bh0DUUnt9QtftFi0zT2jRrKjAxs3ysyqwJBTcoyuR89ePvBfiHXvAfgrw9c+CIbrUrPwiI9NuNf8GX/AIgkF784EULpPFDpkyBIyJ5yC29ADiMggH3XRXx9f/DaP4keG/FHim+8Iatda+0egS6Vd6lplzBqNtIscC3DwCRVlhlHzq7IFbC8kgCpPif8J7/w/b+LNJ8KeGrHSvA3/CQ2F/faSvhabU9PurdrJlmb+z7Z4mu184RNJHGSSV3MrYZSAfXtFeP/ALMOg3fh/wCHM8Ep8qwk1CaXT7OPw1N4egtbc7cRw2E00ssMW4OwVyp+Y4RV259goAKKKKACiiigAooooAK8q/Zt/wCRD17/ALHPxT/6fb6vVa8O+ENr9s+Cnji226g5l8S+L49ukOqXhzrV+P3LMQok5+UsQN2M0Aev61rVl4fsftmoXH2e282KHfhj88jqiLgAnlmUfjzxUt/eS2cKPFZT3zNKkZjt2jDKGYAud7qNqgliAS2AcBjgH4gtfhvouofDvxPp6/DS11Tw3Dd6NfTNafDfUNDkufKvUMqy6XOrG8uBDvZriCMbgzJtxha9Lk+Fsaz+LNcsvDF0NRu/HOky2sz2DrKmno2nFhErKGjgXymZlUBQyMWGVOAD6hor5R0j4MvpkfhvxLp3hiS28cP4v1cSa1JZuL2GzkfUDGrSkB1tizRMEJEZLBgMtk1fgdpPh3Rvih8OLXR/Bmq+Fdaj0HUl8QzXmkT6ct3qAFkJZJGkRBeSltx+0qJFILYk+bDAH1xRRRQAUUUUAFFFFABRRRQB5J+0p/yK3hP/ALHHQv8A0vhr0TSv+Pk/7p/pXnf7Sn/IreE/+xx0L/0vhr0TSv8Aj5P+6f6UAa9FFFABRRRQAV8/eCfBN/8AEnVfHF9e+OPGGnfYvE19YQW2mas0UKRIysoClWxjeRgEDAAAr6Bryr4Bf81G/wCxz1L/ANp0AH/Cg/8Aqo3xA/8AB5/9ro/4UH/1Ub4gf+Dz/wC116rRQB5V/wAKD/6qN8QP/B5/9ro/4UH/ANVG+IH/AIPP/tdeq0UAeVf8KD/6qN8QP/B5/wDa6P8AhQf/AFUb4gf+Dz/7XXqtFAHz3450DwL8MZbOLxj8ete8JyXgZrZdc8YwWRmCkBiglC7gu5c4zjIz1qTw34X8FeMm00aB8dfEOuHU45prH+zfF8Nx9rSFgkzRbAd6ozKrFchSwBwTXIfHqz8RXv7anwVi8Lappej6t/wjviArdavpkmoQbM2u5TFHcQMSex8wAehq98Vvi98RvhZ8SfDWlXGqaf4gf/hC/EOt3llpelfZLe+urU25tyqSSzSoFEjAqsxDZJPYAA7zXPhBpvhjS7jU9Y+K3jXStMtl3z3l94iWGGJcgbndkAUZIGSe9N1r4S6V4b0S61nVfiz400zR7WLz59QvfEaw28MYGS7SMgULj+InFfKvjT4nfEfxZ+z344t/Fj6lf6Tq3gqDWkutbn0NJY7hriIH7JDp0zSNaMr/ACtOpZSgBck4roP2nvGHiLxh8N/2iNKufFTaHoHhHwrawW+grbW5j1A3FqXaaaRkaXJYhIxG6KGQblYZBAPpiH4FJcRJLF8SfHskbAMrrroKkEZBBCcipP8AhQf/AFUb4gf+Dz/7XXoHhX/kWNI/684f/QFrVoA8q/4UH/1Ub4gf+Dz/AO10f8KD/wCqjfED/wAHn/2uvVaKAPKv+FB/9VG+IH/g8/8AtdH/AAoP/qo3xA/8Hn/2uvVaKAPKv+FB/wDVRviB/wCDz/7XSfs83N/J4b8SWt/qt/rL6f4l1LT4brUpzNMYopiiAueuFUdABknivVq+U/hv4i+IPhG/8fX2naNbeL/CzeMNXL6fp0v2XVbUi5bc0YkbyrhTjO0tEwJOC3AAB9WUVxXw9+LHhn4kxzRaPqO7VLMKL3Sb2J7a/smIHE1vIFkTnoxXDdQSOa5IeLPG3xY13V7fwRfaf4W8KaTdyafJ4ivrI31xqN1E5SdLWLzESOOKRXjaVy+50dVQBQ5APYqK8dPizxt8J9d0i38b32n+KfCmrXcenx+IrGyNjcaddSuEgS6i8x0kjlkZI1lQptd0VkIYuPYqACiuI/4Ta+/4XR/wiPk2/wDZv9gf2r5u1vO837T5W3duxt28425z37UnhXxrfa58SPHPh64it0s9C+w/ZpI1YSN58LO+8liDgjjAHHXPWgDzbwT4Jv8A4k6r44vr3xx4w077F4mvrCC20zVmihSJGVlAUq2MbyMAgYAAFdZ/woP/AKqN8QP/AAef/a6PgF/zUb/sc9S/9p16rQB5V/woP/qo3xA/8Hn/ANro/wCFB/8AVRviB/4PP/tdeq0UAeVf8KD/AOqjfED/AMHn/wBro/4UH/1Ub4gf+Dz/AO116rRQB82eLf8AhWXgDWpNH8T/ALRep+HNWjVXew1fxxa2twqsMqxjkwwBHIOOa7Sx+CNvqdlBeWnxN8dXdpOiywzwa+HSRGGVZWCEMCCCCOCDXlXh/TfHGoftkfGj/hDvEXh/Qtum6J9o/tzQZ9T8z9zJt2eVe2+zHOc7s5HTHON8cv2ifFvg/wAc6xJoOv6vfWvhe/0bS9TtbHTdKt9FW5uZE8yK5e5na9kd0kDILZVCZUEudxoA94/4UH/1Ub4gf+Dz/wC10f8ACg/+qjfED/wef/a6888JeOvFPjTx/wCLtYv/AIoW/gzTPD3jIeHYfC93ZWTWd1CIo9qSvIq3H2icyb42SYKBsHlt8wPI+Hf2hPGs3hvwe9/4iRdV1L4s3/hiWOS2t0ebTorm4VYQmwfdjSP5lG/GCWOSSAevaH8J9K8TWstzo3xZ8ZatbQzyW0k1j4kWZUmjYpJGxVCA6sCrKeVIIIBFaf8AwoP/AKqN8QP/AAef/a6+P/hfZapqXiT4VW1l4m1PRLWX4qeMHlgsY7Vldo5rpgxMsLnJVnQgHGHJADBWX2PwL8ZPH/iD4raX8KLnxDC3inw/4i1C48S3Ysole50NEElmVXZtXzftNuhdQCTDLgghsAHrv/Cg/wDqo3xA/wDB5/8Aa6P+FB/9VG+IH/g8/wDtdeq0UAeVf8KD/wCqjfED/wAHn/2uj/hQf/VRviB/4PP/ALXXqtFAHlX/AAoP/qo3xA/8Hn/2uuQ+IngXUPhqPCmq6f478Y30k3ijSLGW31HVjLBJDNexJIjKEGQVYjk9zX0JXkn7STFfC/hMgkEeMdCwR/1/w0Aet0VladM8k5DOzDHQsTWrQB45+yvNJ/wpvw7EZN0YF0RwOD9ql4oq3+y3GqfAvw0VUAsbokgdf9KmooA9VWRGYqGBYdQDyK8t+AX/ADUb/sc9S/8Aadei2X/IRu/qK86+AX/NRv8Asc9S/wDadAHqtFFFABRRRQAUUUUAFFFFABRRRQB5T+y5/wAkL8M/9vX/AKVS16tXj/7N96mk+E9S8D3TCHX/AApqV1Z3dq3DGCSeSW1uFB5McsLowYDG4SLnKNj2CgAooooAKKKKACiiigAooooAKKKKACiiigAoriP+E2vv+F0f8Ij5Nv8A2b/YH9q+btbzvN+0+Vt3bsbdvONuc9+1J4V8a32ufEjxz4euIrdLPQvsP2aSNWEjefCzvvJYg4I4wBx1z1oAwvgF/wA1G/7HPUv/AGnXqteVfAL/AJqN/wBjnqX/ALTr1WgAryr9oD/j3+H3/Y56V/6MavVa8q/aA/49/h9/2Oelf+jGoA7Dxt8RvCfw10+3vvF/inRvCljcS+RFda3qENnHJJtLbFaVlBbCk4BzgE9q5vxB8ePCng/xdJpXiLXdG8P6W2nWt9b6xqmqQ28Nw08kqLEhchScRbgQxJDcDjJ5v48aD441fxP4dk8MQaxFYC1ubafUfDMejm+gkkaMKsrakjKtqQpZxArSFlX5SFAPnHgDwf4+8E6VpE+pfCu+1m6h8EweFZ7S31HTWYXEc0oZtz3CIbZ12MWA37WQeVncqgH0VqXxQ8G6P4o07w1qHi3QrHxFqSh7LSbnUoY7u6U5w0UJYO4O04Kg9D6Vh+Hf2hPhz4m0vUNStPGmgpZWGoT6ZcTTapbqqTxMwZSRIQMhSwBIJUhsAV47F8LfG/hC+0DRdG0DWbjZBpMeo30dxpV14d1FreOKNpLuG7IvInjERC/ZFwdsTEltyr0nhn4b6/N4p8Nf2p4Xmgt/D/jPWdWS+uJ7Z45IbmO6MM8IWVnH/HwqEMqsCW+Xb8xAPWrH4oeDdU8Y3PhK08W6FdeK7VPNn0KDUoXvoU2q254AxdRh1OSuMMD3FYfiH9oP4ceHNN8VXc/jbQbiTwvC0+r2drqlu9xZgHaEkTzAUZmwoD7csQOteJDwR8VH+JOhalc6Jr0um6V4ouLyawtH0G30lYJ0uYlurIIFu5HQTI8v2mRGbdIVWRtqjZh8E+LtQ+Duo+A5/hvJHrOkeG7zSrXxLd3liVv5WUKBaFZGlCzFQz+csIBC53dQAfRGha9p3ijRrHV9IvrbUtLvoluLa8s5llhmjYZV0dSVYEHIIJBrSrL8O3dzf6DYXN3p1zo91LAjSWF40TTW7EDKOYneMsDwSjsPQnrWpQAUUUUAFFFFABXk37OMiw/D/X3ZgiL4y8UksTgADXb7JJr1mvEPg7po1r4MeNtOawj1VbvxN4ugNhLcNbrcBtav18tpVBKBs7dwBIzkdKAN/Vv2mPhbpXhO88Sjx94bv9Fsr2HT7m8sdYtpY4J5XCqjuJNqkZLEMQQqsccV0F98TvDouo7DT/EXh261QywhrOfWI4nEbyRruAAZi371Nq4AZnRdw3A14Db+DPiLqHhvWpJPC3ia6jtZNJlsrHxTLoX9sOttfJO1tBPZyrE8Kxqdv2qQOXJJbDE12M/ws1ua18V3Fvof2a81jxzpeulWmhDyW0JsgzuQ5GVWBxtzk7OAcjIB6hb/ABP8E6p4mHheDxboN54gnjkddFj1KCS6eNWZHIhDFiqsjqTjAKsDyDXF/CXQ/hDp/ibUJfAmv6frGr25lsGtYvE8uqDTgrBpbaCCSeRbRQdu6KFUUBUBXCqBzFv8HNYtfCGg2kemxaddxeMtV1m8nEsIMUM5vglwW3EElZoeBlgCAR8pAwPhHeXV18RPhBaXPhKLRRpPhTULGDU1vrO5S+jX7Cvm2jW8kpNsxUMGkMbZ25TqQAfU9FFFABRRRQAUUUUAFFFFAHkn7Sn/ACK3hP8A7HHQv/S+GvRNK/4+T/un+led/tKf8it4T/7HHQv/AEvhr0TSv+Pk/wC6f6UAa9FFFABRRRQAV5V8Av8Amo3/AGOepf8AtOvVa+bfhr8E/A/jjVviVrGv6N9tvj4u1BHm+1zp8qiPA2o4HA9qAPpKivlvwnpf7PPjS+06203QdbRNSYR2V9qOk65YWN0xBKrFd3EaQuzYO0K5LY+XNb7fDT4EjQl1hdLaWyfUX0iPyZdQklluklaJ4kiVjI7BkbO1SMKzZ2gmgD6For5k+NH7PvgLQIfBR0/RJLQ3ninT7Ocx6hdDzIZHYOh/edGA5ru3/Zu+FseoR2J8Lz+dLE0qss96YgqlQQZA+xWywwpIZgGIBCsQAewUV89+Lvhj8C/AsesPrWlSW39lWUeoXaQyahO6QSSNGjKsbMzlnVlCqC2e3Iqj4Z8CfBLxdPLDY+CfFkLRGMM2p+HfEFgp3uEXDXESBsFgWIJ2jLNhQSAD3y68NaPfa9Y63caTZT61YxSQ2mpS2yNcW8cm3zFjkI3KrbV3BSAdoznApbnw3pN5rlprU+l2c+sWcUlvbahJbo1xBHIVMiJIRuVWKKWAIDbRnOBXnrfsv/DFQSfDPGMn/T7r/wCOVgQ/Bn4K3Pgo+LotH3eHvsbX/wBs+1Xo/cKpZn2F93CgnG3PtQB6DpfwX+H+h6drGn6d4F8NafYa0wbU7W10i3jiviCSDOioBIcknLA8mpPEnwg8CeMNTXUde8FeHdb1BbVrEXepaTBcSi3YFWhDuhPlkMwK5wQxGOa5S0/Zn+Ft7aw3EPhvfDKgkRvt10MqRkHBkyODU/8Awy78Mv8AoWf/ACfuv/jlAHp8MKW8SRRII40AVUUAKABgAAdBU1eVf8Mu/DL/AKFn/wAn7r/45Xl/wP8Agb8PtS+Ddprut6DdajcrPqBlljub24mZI7ydFVUjcsxCqqhVUk4GAaAPqWivKF/Zf+GLKCPDBwfW+ugf/RlQ2/7NfwpvGmW30GOcwyGGUR6lctscAEq2JeGAI4PPIoA9doryr/hl34Zf9Cz/AOT91/8AHKP+GXfhl/0LP/k/df8AxygD1Wviux/4RnRNQ8bXes/EDxXo+pX3jDV0svD3h2+Zri6Zblh+4tI42kckj5mA2g8sQOa9/wD+GXfhl/0LP/k/df8AxyuF/Zl+HvhvwXD49l0XRrSwuH8WarbPcom6d40uGCI0rZZlUDgFiAcnqTQBwU/7KXif42a5pOta1r/izwHpmn/NY3V3rC3XiQKecxyxr5dkCDyoaYnoQp4r1/8AZlu7bwl4du/hhf3Ug8U+Fbm6WaG8kzPeWktzJJb3yk48xZUdSzAYEokQ8qa9oh/494/90fyrmPHHwv8ACXxKjtU8UeH7DWms2L2s1zEDNbsRhjFIMNGSOCVIyODQB5/+0tfW/irQLL4Y2Fyz+KfFV1aiGC1f99Z2kdzHJcXrEZ8tYkRtrHgymNRywrX/AOFB/wDVRviB/wCDz/7XXU+B/hf4S+Gsd0nhfw/YaK14we6mtogJrhgMKZZDlpCBwCxOBwK6ygD5f/4Un/xkh9i/4T7xv/yKXnfaf7Y/ff8AH5t27tn3e+MdeaPAvwT+0fGb4o23/CfeN4vs/wDZf76PWdsku62Y/O3l/NjoPQV9J/2TY/2t/af2O3/tLyfs32zyl87yt27y9+N23d823OM80ltpVlZ395fQWVvBe3mz7TcRxKsk+wbU3sBltoOBknA4FAHk37Mmj/2Bo/jvT/tt5qP2fxfqKfatQm82eT/V/M7YGT74r2evm34a/BPwP441b4laxr+jfbb4+LtQR5vtc6fKojwNqOBwPas3wnpf7PPjS+06203QdbRNSYR2V9qOk65YWN0xBKrFd3EaQuzYO0K5LY+XNAH1JRXz03w0+BI0JdYXS2lsn1F9Ij8mXUJJZbpJWieJIlYyOwZGztUjCs2doJrJ+NH7PvgLQIfBR0/RJLQ3ninT7Ocx6hdDzIZHYOh/edGA5oA+m6K8ff8AZu+FseoR2J8Lz+dLE0qss96YgqlQQZA+xWywwpIZgGIBCsRzfi74Y/AvwLHrD61pUlt/ZVlHqF2kMmoTukEkjRoyrGzM5Z1ZQqgtntyKAPcLXw7pOn6ze6vb6ZZ22rX6xpd38NuqT3CoCEEjgbmCgkAMTjJxWJrnwi8C+JtavdX1fwX4e1XVr60On3V/faVBNPcWxxmB3ZCzRnA+UkjjpXk3gn4Z/Bf4gXk9rpfgzxJaywJ5jNrWja7pUZBOMK93HErH/ZUk45xiuz/4Zd+GX/Qs/wDk/df/ABygDpf+FR+BT4qsfE//AAhXh0eJLGJYLTWf7Kg+2W8aqUVI5tm9VCkqApAAJA4p0fwl8Dw+IbrX4/Bnh+PXLu4ju7nU10uAXU08edkryhNzOuThiSRk4IrmP+GXfhl/0LP/AJP3X/xysST4G/BiPWr7SZNKjgvrGKCe4Sa/u0VEnd0hO4yBSWZHUAEnIHHIyAegXfwk8D6hY2tnd+C/D9xaWuoNq1vbzaVA8cN6zMzXSKUwsxZmYyDDEsSTk1gfD/4PS+GfiZ4x8fa5q1trnibX0gskks7BrOK0sICxhgVTLIWbc7s0hYbiRhVAAEP/AAy78Mv+hZ/8n7r/AOOUf8Mu/DL/AKFn/wAn7r/45QB6rRXy18D/AIG/D7Uvg3aa7reg3Wo3Kz6gZZY7m9uJmSO8nRVVI3LMQqqoVVJOBgGvTl/Zf+GLKCPDBwfW+ugf/RlAHq9FeRW/7NfwpvGmW30GOcwyGGUR6lctscAEq2JeGAI4PPIqx/wy78Mv+hZ/8n7r/wCOUAeq15J+0p/yK3hP/scdC/8AS+Gpv+GXfhl/0LP/AJP3X/xyvOvjR8CPA3gmx8G6touh/YtQh8YaGqTfa532g30QPys5B49qAPoPSv8Aj5P+6f6Vr1kaV/x8n/dP9K16APKf2XP+SE+Gf+3r/wBKpqKh/ZYtzF8EfDz7yVc3J246H7VLRQB6SzfYb6WR1bypB98DIB9687/Z/kWVPiK6HKt4y1Eg/wDfuvV68q+AX/NRv+xz1L/2nQB6rRRRQAUUUUAFFFFABRRRQAUUUUAcR46+EXhv4hX1nqWoQ3djrlkjRWut6PezWN9BGxDNGs0TKxQkAmNiUPdTWD/woP8A6qN8QP8Awef/AGuvVaKAPKv+FB/9VG+IH/g8/wDtdH/Cg/8Aqo3xA/8AB5/9rr1WigDyr/hQf/VRviB/4PP/ALXR/wAKD/6qN8QP/B5/9rr1WigDyr/hQf8A1Ub4gf8Ag8/+10f8KD/6qN8QP/B5/wDa69VooA8q/wCFB/8AVRviB/4PP/tdH/Cg/wDqo3xA/wDB5/8Aa69VooA8q/4UH/1Ub4gf+Dz/AO10f8KD/wCqjfED/wAHn/2uvVaKAPKv+FB/9VG+IH/g8/8AtdH/AAoP/qo3xA/8Hn/2uvVaKAPl/wD4Un/xkh9i/wCE+8b/APIped9p/tj99/x+bdu7Z93vjHXmjwL8E/tHxm+KNt/wn3jeL7P/AGX++j1nbJLutmPzt5fzY6D0FfSf9k2P9rf2n9jt/wC0vJ+zfbPKXzvK3bvL343bd3zbc4zzSW2lWVnf3l9BZW8F7ebPtNxHEqyT7BtTewGW2g4GScDgUAeTfsyaP/YGj+O9P+23mo/Z/F+op9q1CbzZ5P8AV/M7YGT74r2evKvgF/zUb/sc9S/9p16rQAV5V+0B/wAe/wAPv+xz0r/0Y1eq15V+0B/x7/D7/sc9K/8ARjUAa3ij4jL4T+IVhpmoz2dj4fbQ77Vby+uSUMJglt1B3FtoXbMxOQTkLgjkGLUvjx4N0e/0+zu7vUopryCG4Y/2HfMlnHKcRteOIStnu5wLgxng+hrC+L3wLm+KXjbw/rf9pNpv9iWNybKaG5lVo74z28sEjwriOeJTCSySZGdpAyAy8F42/Zz8UeMPFGo6tdWdjdx+JoLb+2LZfHWuafaWMqRLFIEtLUJHfRsqggSmFuCpYgjaAe4XXxQ8M2mjX2qzahIlnY6gdLnP2WYyLdCQR+X5YTexywIIUgqQwJXmmn4s+E/OER1mHc2jnXw2x9n2Ef8ALfdt2gd9ud2OcV5xoei2XiL9obWI9Gv7W/8ADejrDf6pDbv5gh1sQvbLE7biAwtijMh+ZSImON3zYkv7NfiSbRhZHVtNDDUvsPmAy7v+Ee8oxfZg23Im2nOBhc454oA9K/4aC8D/APCSW+hjUrw3czwQm4XR702UE0yq8UM92IfIglZWTEUrq+ZEG3LKCs37QHgiHT9QvV1C/ureyvDpzmz0a+uGluhI8bQQrHCzTyq0T5SIMygbiApBPH698JfGlxfa94c04aH/AMITr+tRazdatcX066laYaJ5IEtfIaOUM0ChZDNHtEh+Rtg3Ty/CDxNovhLQ20caRe+ItE8T32vwWl3dzW1pdJcS3X7t5lhdkYR3Od3lOAyYwQd1AFrw/wDtIaHNpmq6hqpvJIl1q607TrXRtCv729liiSNmaS1hjkmVlLlXLIoUlVYK3B9U0LXLLxJo9lqumXC3en3sSzwTJnDowyDg8jjsQCOhANeCa58FvG15pVxNLpHhrWNVvdbutUdLfxLqWhXFks0cQC2+pWkLTDBjKOvlqJQVYlceWfa/AOk6vofgvRtP17Uf7W1i3tkjurzJbzHA5O4gFscDcQC2MkAkigDoqKKKACiiigArx/8AZ/1C20j4Z+Jr69njtbK28XeK5pp5DtSNF1y+ZmYnoAASTXsFeL/BGwl1b4R+MLGGOzmmufFXi2FY9RgM9s5bW78ASxgjehzhlyMjIzQBJ4g/al8HaP4XvNYt7bxDdm1urO3exl8Nanb3TLcTCNJkge2EkkZO7DorKzLtDbiBW3efG/wvc6hdaXp2tNBqFhqFrY3zXGjXksUEsrwbbd2CosczrPHtDNld4YqwVhXl2n/BL4iR+FdatFh0nSd02nXWn+HZPGOpazYme2uknYi4urYSWcbKgjEUMbooAIXjFdtdfCHW7zT9eVpNNgutT8X2HiHCSuyLDC1oXQt5YJf/AEdwOMHK5IycAG9pvx/8Dax4kg0O01a5ku5rmeyS4bTLtLM3EJcSwG7MQgEq+U58ouGIXcAVIJ5/4T+Kvg3N4uvV8C6NpuheIfEAmvJbi38NS6XLrEcTq0lysrwR/aow04PnKXUmTIYlqhX4J6n/AMIloelTXVnH9i8TahrN08DSEmC4a8KhMIGMgFymRwMqcMcDPnPwJ8aXXjL4meB9Ih1Twrq9v4Q0C+065Phu+muriHm1jia+ieGI2Er+TIPszh2DI/zfIQQD6yooooAKKKKACiiigAooooA8k/aU/wCRW8J/9jjoX/pfDXomlf8AHyf90/0rzv8AaU/5Fbwn/wBjjoX/AKXw16JpX/Hyf90/0oA16KKKACiiigAryP4H/wDHn8Tv+xv1T+SV65XlXwC/5qN/2Oepf+06APM/2f8A4a+LvGvwd+Gf/CQ+KdFn8HWcVjqltpOnaDNb3xaAiSBJbtryRGCuqlisCFtuBtBIrD+FIuvh7eP8Qteu01PwjH4g1zTnWSEIPDok1GUfaw27DK7DbK7DKqyEbVWTd9e0UAeTfHyRZrT4eOrB0bxlpRDKcggu2CDXPftA+JPEWh69cx6BfX0E6+DdXukhtWY/vUmtAsqoAQ0iqz7TgkZIHU10v7QH/Hv8Pv8Asc9K/wDRjV1Pibx5F4c8SeH9CTSdR1fUNYM7RrZeSqwRRKpeWQyyJ8oLouE3MSw+XAJAB8ieLLjwxf6J8Sm+H3jG58WaS3hXSBb6pe6tPrtuk/8AaU27F1LIzykNt3RCY7cAAR7ufc/G3/CyvDeg2Vx4i8YaFqMcuvaPBH/wjehXOkyKHv4VkV3e+uN6MpKlQq5BOSQcV7VY3Ml1aW88trLZSyortbTFC8RIyVYozKWHQ7WIyOCRzWV4b8W2fie81y2tI5430e/OnXHnKoDSCOOQlME5XEqjJwcg8dCQD5Q8B+N/FWo/HO2tdQ1zR7TxQddvYNQ0WTx3qNxeHTlaYIo0EWn2eBBGsLLcbgCApMrGQg8tqGuaR/wqu503xR4v1Tw/dJ8P0k8LaXZaxPbf2hM0Vz9oMdojBb6RSsQMbpNtG0hV3HP2v4R8XWnjXTbq8sYp4ore+utPcTqoYyQTPC5G1j8pZCQc5xjIB4roKAMrwr/yLGkf9ecP/oC1q0UUAFfNnhnUrvR/2L9fvbC6nsby3tdalhubaQxyRuLy5IZWUggg9CDmvpOvKv2YP+SLaP8A9fupf+l9xQB5b4kt9TnvPHHihvFHiNL3Q/F2l2um21vrNzDaQRSLpwmRrdXEcyuJXysquFLMVClmJ7v9nK00XTdS+JtnYarc3uqReK7w31nd6zPfSWoZt0WY5ZH8kMpyAoUMMHkAY9a1bXLLQ47d72f7Olxcx2sTbWO6WRwiLwD1YgZ6DvgVNeXUtq1v5VlPdiWZY3MLRjylIOZG3MuVGACFy3IwDzgAuUUUUAFeI/A3/j18d/8AY5az/wClTV7dXiPwN/49fHf/AGOWs/8ApU1AHtMP/HvH/uj+VS1FD/x7x/7o/lUtABRRRQAUUUUAeR/A/wD48/id/wBjfqn8krzr9n/4a+LvGvwd+Gf/AAkPinRZ/B1nFY6pbaTp2gzW98WgIkgSW7a8kRgrqpYrAhbbgbQSK9M+AX/NRv8Asc9S/wDadeq0AfIXwpF18Pbx/iFr12mp+EY/EGuac6yQhB4dEmoyj7WG3YZXYbZXYZVWQjaqybvZPj5Is1p8PHVg6N4y0ohlOQQXbBBr1mvKv2gP+Pf4ff8AY56V/wCjGoA5r9oHxJ4i0PXrmPQL6+gnXwbq90kNqzH96k1oFlVACGkVWfacEjJA6mvEvFlx4Yv9E+JTfD7xjc+LNJbwrpAt9UvdWn123Sf+0pt2LqWRnlIbbuiEx24AAj3c/X3iLxzD4f8AFXhzQF0y/wBSvtaeYobPyQlrFEqmSaUySIdoLouEDOSwwpAJHU0AeAfFbVPHXgP4X69e+NfFeialY3DW9pFN4es7nwt9lMk6K8lxqD3d2beDaSGlRFdASVYNtx494L+K0Vx4a1XQ9a8YLpvhSz8UWp1K+sfG99fmy0eex8yGePWJlhuWtpbkBRcblVTvRX2qcfcFc54k8a6f4X1TQ7C+Wbfq000UMkagxxmKF5mZySCBtjbGATnHHegDw/R/ib4U8D+IPCk8fxGurzwLqGkalbaVqmu6u8seoXQu4fKihnlIN24UusTbpJHUHDPyT5Nqk0HiL4cz6n4o1nUrWEaD4Mu9R1R9WubCVE+3TebJNOjo6gKzMzMw2kbjgqCPt/SdTttb0yz1Cyl8+zu4kuIZdpXfGyhlbBAIyCDggGrtAHgnhnVNUk+IMXw+h1bULu2sdQbxINQN7NK0+kyKXt4mnZizg3LMm3ccxwYOVOD73XMeH/A8Gg69retSX97quqaq6h7i9MWYIELGO3iEaKBGhdyMgsS5LMxwR09AHzZ4Z1K70f8AYv1+9sLqexvLe11qWG5tpDHJG4vLkhlZSCCD0IOay/Elvqc95448UN4o8Rpe6H4u0u1022t9ZuYbSCKRdOEyNbq4jmVxK+VlVwpZioUsxPqX7MH/ACRbR/8Ar91L/wBL7ivQ9W1yy0OO3e9n+zpcXMdrE21julkcIi8A9WIGeg74FAHkv7OVpoum6l8TbOw1W5vdUi8V3hvrO71me+ktQzbosxyyP5IZTkBQoYYPIAx7ZVO8upbVrfyrKe7EsyxuYWjHlKQcyNuZcqMAELluRgHnFygAryT9pT/kVvCf/Y46F/6Xw163Xkn7Sn/IreE/+xx0L/0vhoA9E0r/AI+T/un+la9ZGlf8fJ/3T/StegDxr9laE/8ACnfD0gQqmLoFm7n7VL0oq/8Asuf8kL8M/wDb1/6VS0UAenx3SzTSRgMGTqSOK8x+AX/NRv8Asc9S/wDadei2X/IRu/qK86+AX/NRv+xz1L/2nQB6rRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQB5V8Av+ajf9jnqX/tOvVa8q+AX/ADUb/sc9S/8Aadeq0AFeVftAf8e/w+/7HPSv/RjV6rXlX7QH/Hv8Pv8Asc9K/wDRjUAa3jz4tJ4J8QaboNr4Y1zxVrmoWk99b2GirbBmjheJJCXuJ4Y1I85SMsMgEDJwDD4c+N2geKbOW5srfUFSHRV12RZ4VjZYy8qNEVLZEqtDIrKeAQMMawPiV4Z8X6x8ZPDGoeE9Qh0Se20HUIW1HUtJk1CxDPPaERyIk0J3FVZlxKOUJwwBFVF/Z91fR7OytvDvi+DTlm0ZtF1ie+0j7VNdIzySGaAidEgl3zTN8ySphlGz5eQDMX9pCbS9e8VX0/h7xDrnha0t9M1Azadb2uNHtJ7ZZGlnDzI8gBLMywiZwFOFxtzsab8Xk0/xJrI17WbyLToPEN3a2rQwwC3W2i01LllmYpv2qPMYMp3E7QSVyKo3X7OuvraatpmneN7W10TXNPsdK1a2uNFaaV7eC2EDG3kFwoikkXdlmWUKCoC5XJ1dU/Z1sdbu7xb3U2l0281K8vZrNbfBMVxpwsjEGLnkL827HPTb3oA1dJ+NFxqWj6nfy/DrxpYy28MVxZ2c1pbSSaokjbY/IaK4eNSTjKzvEUB3OFUFhz2r/tFX0VjpR0/wD4h/tiTxJBoGo6LdPYC5sS8fnBmdbvyWDRlWBSV8bsMAQRSa58D/ABl4w8A3vhfxN470nV7bFqlpbjwzsspY4ZA22/gN0zXQkCqrqkkKMAQEGTWF4S/ZX1XwPb3MWh+I/DWkQya3ZeIILDTfCQtLC1uoofJnWOCK6XEUigMqli6OWZnlB2gA6uP48QWthp1vo/hzxb481e8e+m+xWMVhHcxQQXLQvJI0k0EAQPhEUMZGGDtYhmEOrftRaDaRTz6T4b8SeJ7e10mDXbubS7e3VbWyk80GV/tE8RJQwMGiUNJnG1Gw2Gx/AzxF4Z/s+/8AB3i7TtK8QQJfW093q2hvfW09tcXT3IQQpcwsro7Da3mkEbsodw22NH/Z5ttB8OeI9HtNcmaDVvDcPh4TXEAeSMoLndOxDAMWa5J2gKBtwDzwAZSx+LfiV8VfG1vpHxL13wtpWkQac2n2OnWGmy27maBpGaX7RaSSsCwGVWVDjIBU8i9pPx61WLwHYapeeB9c8Q6jH9sj1VvDkduttbfZZ3glm3XNxECrNGzLErPLtP3TjJdL8I/Hmi+MNa1Xwl450PSLLWLWyt7mDUvDMt7cxtbxGLfDKt7Eikg7gGicA4zuHB5rxx+x7pfi3+xrNrzR9T0a006XT5oPFnh+PWZ1eSR5JLy0dpEjt7l2dmZ2ilUlUAVQuCAdK37RMVt4y1+1n8PamfCmn6FYavb65EsDLcvdO6xQrH53mlpCEVFMQ+ZX3FQUJ7PwD8Rh42uNSsbzw/q3hTW9PEb3Gk60bVp1ikDeXKGtp5oyrFHAw5IKEEDjPmlz+zDe65od5oviDxJpmraXfeHbLRLyE6CR5k1nK7204V7h02YbEkLKwfHDKCRXUfA/4I2/wdh1aRbPwfaXeoNGHTwZ4Ui0G12oGxuRZJpHYljktKQABtVfmLAHq9eM/A3XLTwz8JvFur6hI0VjYeK/Fl1PIqlisaa3fsxAHJ4B4FezV478ArS4vvhj4otrW9k065l8XeK0ivIo0d4WOuXwDhXDKSpwcMCDjkUAZ3iT9ozVtN8Cy67Z/DPxRHcm60+O1tb06cy3kF1OsayxTR3phPDYCtKrguhKhSWrWvPjrYX2oanp8el+JdMGka1ZaPe6hFDaeWLqZ7YpbjfIxdWW5TcyKQAHCsGC55HSf2W9T07SfESx654V0fWNTms7pG8MeEm0zTmuLe5FwLi6tBeubiZmUKXWWM7ePQ13dx8G5bux1WCbW0M+oeJLPxG8kdmVVWga3YwgGQnDG34Yn5d/Q7eQCnpX7R2katrlpbf8I34itNHudRutITxBcw262QvLdpg8JUTmfkQOwcRGMggFg2QLXgf48WXjfXNH01vC/iPQjrVrcahpV3qkFv5F7axeVmdWimkMYYTIVSUJIQSSgAOIz8D4/wDhG9I0qbUzcw6fr17rThbYKZ1uGuiYQC+FIF1jcSQdn3Ru48z+CNr4p1L4l+For641q60nwlo97phGqeEbnRPs4drZIY5JpneO+mxA4Mto3k4G7b8yEgH1FRRRQAUUUUAFFFFABRRRQB5J+0p/yK3hP/scdC/9L4a9E0r/AI+T/un+led/tKf8it4T/wCxx0L/ANL4a0NW8aXuh/E7wRoEEVu9nri3wuXkVjInkwq6bCGAGSecg8dMdaAPS6K4j/hNr7/hdH/CI+Tb/wBm/wBgf2r5u1vO837T5W3duxt28425z37V29ABRRXEf8Jtff8AC6P+ER8m3/s3+wP7V83a3neb9p8rbu3Y27ecbc579qAO3ryr4Bf81G/7HPUv/adbvhXxrfa58SPHPh64it0s9C+w/ZpI1YSN58LO+8liDgjjAHHXPWue+BMnkw/EqTGdvjHUmxnrgR0Aes0V438Lfih8R/iNo+heI5vA/hfS/CmqQC7FxH4suZ76OFlLKfIOmohboCvnADJwxxzc8C/HF/iHY+Djo2hrLqWs2EOralbteny9JtJAdrPIIzvdmVhGm1S21iSoUmgB/wC0B/x7/D7/ALHPSv8A0Y1ZPxa+Gun+Jvi94Q16bwrbatd6fourrFqcmnLM9tKRB5IWUqSjEmTaAQeWx3rW/aA/49/h9/2Oelf+jGru77Xo9P1yGznuNOghazmu5DNeBLgLGyAssRX5owG+Zyw2naMHdkAHxLrXw18VT3miJqunpDqJ0PSYfDt5L8Or7XNQ0x0to1kW3vY7qKLTZVmDs3nhAcqzMygqvpPjLwjG2u3lx438JX3ifwN/wmNzc6jpq6BPqiXIbTIUt5zZxxyNNEsoYZVHCttPG0sO68SftRaIuj+JdS8GPo/jmy0nS7e+hvdN1pHtbmWW6e38kzRJKE2lQxYBj82NvHPX6H4u8X6TbapqfxF0jwj4O0CxtjcPqVj4omvUjC8sZTPY2yxIFyS249OQOtAGb+znos2g/Dqe1l0q90SM61qk0FlqCMkqQPeyvESGJIBRlI56EfSvVK5C3+LXga88Fy+MLfxp4fn8IwkiTX49UgawQhtpDTh/LGGIU5brx1rS0Txr4f8AE9vYXOj69pmq299bNeWstjeRzJcQAhWljKsQyAlQWGQCQM80AbtFeS+Jv2kvB/gu+1abW9U0+w8PWdrptxFrT6hCsFyb2aWNQpYqu1fK3FgxypY4+Xn0C18YaFfaXb6lba3p1xp1xOLaG8iu43hlmL+WI1cHDNvBXaDncMYzxQBtV8+/DXTV1j9k++sZBqxiuV1eFxoaq17ta+uQ3kq3ys2CcKQd3QAk4P0FXi/wD1b+w/2eYNQ32cX2WbVJt+o3X2a2XF9cHMku1vLT1bDYHODQB4Ppfw/0K98KpHc/DCxvfDOleKNIvd+l/DfUdHjk+Z0mZdGuEkk3IjJvuYlw6yYIAibHpWifDNtPurPWIvDdxHrFz8RJ7m4umsmE4shNcGNixXIgG4MP4cuWHLEn2m++KngzSvEFjoN94v0Cz16+mNtbaXNqkKXM8wVGMccZYMzASIcAZw6nHIpngH4reFviZPr0PhrWrLVpdDvn06/S0uopmhlXqGCMxAzkDdgkq3HFAHz94O+C83hvSfhzrWieGJNM8bTRarbahrL2jJeLHJb3LwxXExAcRCYQ7UZgqlUCgcU74F6X4Y0f4peBLXw94M1LwheJ4b1BdbF9o02mG6v1axEkjmREF3LnduuVDhs8SN0H1TNClxE8UqCSNwVZGAKkEYIIPUVxfgf4M+E/h1qUl/oljeJctEbaI32qXd8tpASGMNsk8rrbxZVf3cIVflUYwq4AO6rxH4G/8evjv/sctZ/9Kmr26vEfgb/x6+O/+xy1n/0qagD2mH/j3j/3R/Kpaih/494/90fyqWgAooooAKKKKAPKvgF/zUb/ALHPUv8A2nXqteVfAL/mo3/Y56l/7Tr1WgAryr9oD/j3+H3/AGOelf8Aoxq9Vryr9oD/AI9/h9/2Oelf+jGoAzvid4Bs9X+NXgrxQfB9v4g1DSNI1VoLx7NDJDMBAYEW4K/umYmQKdwIyxHevm7wf4W8S6ffazP4b8JNodzrvhe/sZm0HwHqWgudRBilWK8ubmZmu5dpnVLx1RGd2w5Zyo+96KAPlax0vwPouh2GufDv4aeIPCeiaXr2nX+q2tr4TvdO84LHKjPDpxiWWWRBIm+SOE7htAZ9hC19Y8I3/wAQLjUpZ/CepT6Rq3iHVpxa6rpboJbaXRPKjaSKRcqrvhQrgHJ2sFYFR9Y0UAfJOkaDF4T8I+AbDwloNx4et/HGhQeFbqw/sqTTHs7iJWka4eCREZCsRviWK5YiMjIYE/VlhY2+l2NvZWsSwWtvGsMMSDCoigBVA7AAAVmSeD9Lm8WQ+JZYZptXhtmtIZJLqZ4oUY5YpCWMaM2AC6qGIABJAArdoAKKKKAPn34a6ausfsn31jINWMVyurwuNDVWvdrX1yG8lW+VmwThSDu6AEnB8h0v4f6Fe+FUjufhhY3vhnSvFGkXu/S/hvqOjxyfM6TMujXCSSbkRk33MS4dZMEARNj6L/Zg/wCSLaP/ANfupf8ApfcV6rQB806J8M20+6s9Yi8N3EesXPxEnubi6ayYTiyE1wY2LFciAbgw/hy5YcsScTwd8F5vDek/DnWtE8MSaZ42mi1W21DWXtGS8WOS3uXhiuJiA4iEwh2ozBVKoFA4r6xqGaFLiJ4pUEkbgqyMAVIIwQQeooA+VvgXpfhjR/il4EtfD3gzUvCF4nhvUF1sX2jTaYbq/VrESSOZEQXcud265UOGzxI3QeqftKf8it4T/wCxx0L/ANL4a6HwP8GfCfw61KS/0SxvEuWiNtEb7VLu+W0gJDGG2SeV1t4sqv7uEKvyqMYVcc9+0p/yK3hP/scdC/8AS+GgD0TSv+Pk/wC6f6Vr1kaV/wAfJ/3T/StegDyb9lmRZPgX4bCnJU3QI9P9KmoqH9ldrf8A4Ur4dCf6/wD0rdwf+fqX8KKAPUJLeaC6aeFVkDjDoTg/ga82/Z/ZmT4il12N/wAJlqOVznH+r716xXlXwC/5qN/2Oepf+06APVaKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAPKvgF/wA1G/7HPUv/AGnXqteVfAL/AJqN/wBjnqX/ALTr1WgAryr9oD/j3+H3/Y56V/6MavVa8q/aA/49/h9/2Oelf+jGoAT47fGpvg3ZaVMD4StxfPIPtPjLxXFoFoNig7EkMUzyStkYVY9oCsWZflDHhX47W/i7TmvrTSXS3bwrb+KIzJcglhL5uITtUgY8r74JB3dOOdnxx8KYfGXiTS9et/EWteGtTsreSyeXSDbH7VayOjvA/nwy7VYovzRbJBjhxgY5TTf2YtN0fRdL0qw8aeLLWzs9ObRZSk9o0t7p5Z2jtppWti4EYdlWSNklwctIzfNQBwHir40eOta07xfeRabb2Gh2lv4cvdPGl6szX7NdTxO8JUwRqN6syEmUjCrxh229xc/HjxNp2oXnhy88GaYvjc6lb6fp+nwa+z2FwJoZJ1lkumtVkiCxwSllWFyCqhd27I2v+GfdI8yZV1zWksJ7LTLSWwDW3lO1jIrwTbjB5gchQrAMEKk4UHmtPxT8GdL8TapqeqrqmqaRrV1Na3MGpae8Xm2M1ujokkIkjdCSksissiurBiCtAHMWfx01+81rSfDSeD7T/hKpr+60/ULb+2GNlaPBDFOZFn+z7pY3imUqTEjbiFZVySJPAPx7uvG3xN1Lws2laJZrayXCG1HiANrlukblVmutNkgjaKGTAKOkku4PGcbWJXofCnwV0nwvqmm6r/aWqarrVtPd3VxqV80Xm381wiI8kwjjRAQsSKqxqigKBtqLTvgytv40sdfv/GHiXXrbTZ57nTNF1R7R7axllVkZ0lW3W5fCySKBLM4AbodqlQD0miiigAooooAKKKKACvGfgXqbaH8J/FuopZ3GovaeKvFk62dmm+acrrd+wRF7s2MAdyRXs1eO/APTk1j4Y+KLGSW4t0ufFviuJprSZoZUDa5fDKOpDKwzkMCCDyKAOGuf2lPFviX4e6nqnhjTPBd5qlrqumWedJ8YfboIftF0kbwXJ+xCW3uAGAaNoWChyQxZdtdbqXxl1S+vtZtr3wp9m0vRvEmn6E95BrssUk9zK9oweNY4gWhX7QQwdl3mMqVKsSLc37OUOpWOqLrXjzxVrus3kVrDDrt6unJd2aW84uIhEsVmkLYlUMTLHITyDwcV0snwf0qexv7ea+1CY3ut2uvTSs8Qc3MBgKgYQAKxt0yMZ+ZsEcYAOK039obWrjULC8v/AAdb6f4QutXvtEGpnWS94J7Zrj94LbyAphZbY/MZgwZiNhUbjqeAfjL4j8S+IvDVhrngy20O08S2Fxq2nXdrrP2tlt4xAUW4jaCMxzMJ1JVDIi7W/eE4B31+DujR6PpeniW8nh07VrrWokllQeZNOZ2dHIT/AFeblwAACAF5ODnyr4LfDXxbpvxG0S81fT/FWm6P4a0y8021TxHqmnXVsqytAqRWP2MLJLEq2+fNvEWbDIOpcAA+laKKKACiiigAooooAKKKKAPFv2q9L/tnwD4esPtV1Y/aPFuhx/abKTy5os38Q3I2DtYdjivN/FHwV8n41/DG1/4Tzxs/2gap++fWMyRbbZT8jeX8ueh9RXq37Sn/ACK3hP8A7HHQv/S+Gu5tdLsrzVrS9ns7ee9s1k+zXEkStJBuAVtjEZXcODgjI4NAHgP/AApP/jJD7F/wn3jf/kUvO+0/2x++/wCPzbt3bPu98Y6816X/AMKD/wCqjfED/wAHn/2uvSP7Jsf7W/tP7Hb/ANpeT9m+2eUvneVu3eXvxu27vm25xnmrtAHlX/Cg/wDqo3xA/wDB5/8Aa680/wCFJ/8AGSH2L/hPvG//ACKXnfaf7Y/ff8fm3bu2fd74x15r6gql/ZNj/a39p/Y7f+0vJ+zfbPKXzvK3bvL343bd3zbc4zzQB82eBfgn9o+M3xRtv+E+8bxfZ/7L/fR6ztkl3WzH528v5sdB6Cu1/Zu0U6J4f+IOmLe3mpND4t1OMXWoTeZPKcJy74G489cV67baVZWd/eX0FlbwXt5s+03EcSrJPsG1N7AZbaDgZJwOBXnHwC/5qN/2Oepf+06AOb+A37PNt4D8B+FJ9Ul8T23imysFW5sJfGGpT2KTFCrKLT7U1qVGThVTaOCoGBjF+Cvwc8QfArwv4NvtE0KRr68t7e08X6FHeRs0khAUXqO8ojMkPCsA3zQqFXJijU/SdFAHlX7QH/Hv8Pv+xz0r/wBGNWP8dvhnr/xA1S6GkW0bwzeE9U0wSyzKiG4lltmjiYHJw4icFgpAHUjIrY/aA/49/h9/2Oelf+jGr1WgD5Z8cfDrxd8Vbfx3fj4fXnhV9b8OaZpMNtdalZpfyyQX0skis9tO6oqxuGRhMT8x4Vhg9p48+DNx4V8Eal/wgh8S6xq1xNamSHVfEdxrM6RRzq7PZx6vcS2q3KhcozgKGAJJwBXuVFAHyX4V8C/ErRdQ1HWdT8M+JNfe28T2viWKPUr3Rhf6pC1h9laFxbtDbpcwMA235YmVVxMzE47uSz8UaZ4p0LxZp/wturZb2x1CxudF0+909J7KSe5ilW5umMyRndsZpPIaZgzceZnNe80UAfKOn/CDxxofgXa/hyS91G10bwvGLCzvLYvPNY3jzXMMbSSKm4KRhnZVYsPm647fwzoN5cfHPUdIWBo/Dmmyr4sMburNDf3UTw/ZmC5UbSs85wxy0qkcYJ93rL0fw7pXh37Z/ZWl2emfbLhru5+x26RefM2N0r7QNztgZY5JwMmgDUr518D+H9Q8V/se6vo2lW/2rUr+HWre2g3qm+Rr25CjcxCjJPUkCvoqvKv2YP8Aki2j/wDX7qX/AKX3FAHK6p8ItYn0v4imHRYmv9a8UaVqMD+bFunt7cWOXLFuNphnwrYPBwDuGe7+Eul6vod542s9U0a50+GTxBdX1neSSwPDeQzEOrRhJGddv3SJFQ56AjmvRKKACiiigArxH4G/8evjv/sctZ/9Kmr26vEfgb/x6+O/+xy1n/0qagD2mH/j3j/3R/Kpaih/494/90fyqWgAooooAKKKKAPKvgF/zUb/ALHPUv8A2nXqteVfAL/mo3/Y56l/7Tr1WgAryr9oD/j3+H3/AGOelf8Aoxq9Vryr9oD/AI9/h9/2Oelf+jGoA9VooooAKKKKACiiigAooooA8q/Zg/5Ito//AF+6l/6X3Feq15V+zB/yRbR/+v3Uv/S+4r1WgAooooAK8k/aU/5Fbwn/ANjjoX/pfDXrdeSftKf8it4T/wCxx0L/ANL4aAPRNK/4+T/un+la9ZGlf8fJ/wB0/wBK16APIP2WLd/+FL+HZ3IAIulVV9PtUvJoqz+y5/yQvwz/ANvX/pVLRQB6Xb3TTXU8ZACxng9681+AX/NRv+xz1L/2nXoll/yErsHrkGvO/gF/zUb/ALHPUv8A2nQB6rRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQB5H8D/APjz+J3/AGN+qfySvF/2WfBvhWPwf4H1OP8AZ2+waz9gEp8ftp+hDMhjbNz5q3Ru/n5GTFv+f5lAzj2z4EBGj+JAfGz/AITLUg2eBj93mm+APi58F7OHSvAfhL4heD7mS3j+w2Wi2XiK3ubnCKcxqvmtIxADZzk8HPSgDyD9l24n8Uaf8O9N8bacthZ6foUF34Ss5JElt790G2a7Yg/8fCZBSIg7I3DhizMIvZP2gP8Aj3+H3/Y56V/6Mara+Gfhx/wg/gzTo7qxh8O2dzat4dmh1Z48zLnyRBcLIHkLDcpUMd6sysGVmBqftAf8e/w+/wCxz0r/ANGNQBR+MnxMl+HXiQ3kGj6ffXFr4X1LUYp54j9oDxzWqrEJBkrEzSAuADnYpyNteLfG208ULpvxQtvGh0bxRdP4R0rI0Wwaziu1OpTboTb3E8qg4wu5pSG3HIQDn6f8SeFfCnibXUg1m3tL3VLjS7qyW0nmO6WykaPzx5W7DLuWIFsEqSACN3PHr8H/AIWeF7fWLC8O+W7s7WHUZta8QXV1eParcM1ssk9xO0vliYuEy2MllHGRQBwOn6X4Z8A2a32ifs62PwynuNW0qze61DStFRblZb6JML9gupW3oW3qXAVWVSMkYqXwf+0d4l8XfEK2t4dLvJ/Dl3qt1pJsIvBGso9mkTyxrdPqzD7G6lohlFQbRIAHYod3u/ibT9D17+ztK1poZHku47u0tZLgxvJNbusysgDAtsZFYgZGByCM1hWfwV8I2Pi8+JYLG9TUPOkult/7VuzYJPIGDzrZGX7OsrbnJkWMMS7HOWJIB842PirxlrHwA1XQfDs2h2mkaH4EW6v4tUs5pLi/a4guNqQzJKq24URcsY5txbG1dvP1r4V/5FjSP+vOH/0Ba4TVv2b/AIe61bWtrdaLcGyh086S1pBqt5Db3VoQwEFzGkoW5Qb3wJg+3cSMZNekWdtHY2sNvEuyKJBGi5JwoGAMnk8CgCxRRRQAUUUUAFFFFABXhHwvvzpXwH+IV79ngvPs3iDxlN9mu498Mu3WNQba65G5TjBGeQSK93rxj4H22n3nwl8YW+rGNdJl8U+LY7syyeWohOtX4cs2RtG0tk5GBzkUActq3xg8fWuleI9Q0SHwvp2heFbDTL2W2uLCeWS8jltllmt4ik6LblQcLIVkA3AFDtJPcfCHUvFeqeOvih/bms2OoaRaa3Hb6ZZwWUsUlqv2S3cq0jTurKQ68KifMHb+MKvTR/DTwnqGi6raR2KT6ZrlrDBdeXcyMtxDHEI4sMHyAECgMpBPUknmr+i+BdH8O+JNb1zT4bqC/wBaaJ70G9neB3jQIrrAzmKN9qqpZFUsFXcTgYAOjooooAKKKKACiiigAooooAKKKKAPJP2lP+RW8J/9jjoX/pfDXomlf8fJ/wB0/wBK87/aU/5Fbwn/ANjjoX/pfDXomlf8fJ/3T/SgDXooooAKKKKACvKJv2fbH+1dVvrLxj4w0f8AtK9lv57bTdUEEPmyNuYhRH9BkknAAJOK9XooA8Vm+CcyTSKPiP4+wrED/id+/wDuUz/hSs//AEUfx9/4O/8A7CvaDbxMSTEpJ7lRR9mi/wCeSf8AfIoA8H1j9nW18QLZjUPHnjq7FndR3tuJNa/1c0Zyjj5Oqk8Vof8AClZ/+ij+Pv8Awd//AGFe0fZov+eSf98ij7NF/wA8k/75FAHi/wDwpWf/AKKP4+/8Hf8A9hR/wpWf/oo/j7/wd/8A2Fe0fZov+eSf98ij7NF/zyT/AL5FAHi//ClZ/wDoo/j7/wAHf/2FH/ClZ/8Aoo/j7/wd/wD2Fe0fZov+eSf98ij7NF/zyT/vkUAeL/8AClZ/+ij+Pv8Awd//AGFH/ClZ/wDoo/j7/wAHf/2Fe0fZov8Ankn/AHyKPs0X/PJP++RQB4v/AMKVn/6KP4+/8Hf/ANhWfoP7Otr4X0uPTtK8eeOrGxjeR1gi1rCqzuzuf9X3ZmY+5Ne8fZov+eSf98ij7NF/zyT/AL5FAHi//ClZ/wDoo/j7/wAHf/2FH/ClZ/8Aoo/j7/wd/wD2Fe0fZov+eSf98ij7NF/zyT/vkUAeL/8AClZ/+ij+Pv8Awd//AGFH/ClZ/wDoo/j7/wAHf/2Fe0fZov8Ankn/AHyKPs0X/PJP++RQB4v/AMKVn/6KP4+/8Hf/ANhXSeAPANl8O9HudPsry+vxc3ct/Nc6jMJZpJZW3OzMFXOWyeRnJPNeifZov+eSf98ij7NF/wA8k/75FABD/wAe8f8Auj+VS00AAAAYHYU6gAooooAKKKKAPMtW/Zz+Heuareale+HvPvbyZ7ieX7bcrukdiWbAkAGSScAAelc9P+zP8NlnkA8OsAGIA/tC69f+ule3UUAeHf8ADNPw3/6F1v8AwYXX/wAcqG4/Ze+GF35Yn8LrN5brKnmXty21l+6wzJwR2PWvd6KAPDv+Gafhv/0Lrf8Agwuv/jlH/DNPw3/6F1v/AAYXX/xyvcaKAPDv+Gafhv8A9C63/gwuv/jlH/DNPw3/AOhdb/wYXX/xyvcaKAPDv+Gafhv/ANC63/gwuv8A45R/wzT8N/8AoXW/8GF1/wDHK9xooA8O/wCGafhv/wBC63/gwuv/AI5R/wAM0/Df/oXW/wDBhdf/AByvcaKAPCLX9l74YWMAhtvC628KliI4r25RQSSScCTHJJJ9yam/4Zp+G/8A0Lrf+DC6/wDjle40UAeHf8M0/Df/AKF1v/Bhdf8Axyj/AIZp+G//AELrf+DC6/8Ajle40UAeHf8ADNPw3/6F1v8AwYXX/wAcqfT/ANnb4e6XqNnf23h4LdWc8d1A73tw4WSNg6NtZyCVZVIyDyK9qooAyNK/4+T/ALp/pWvRRQB5H+yvciT4IeHoyu1kN1+I+1S80Uz9lm6Zvgt4bgMe3AuiG3ZyPtUvaigD1Sex3zCWORopcYLAZB+orzL9n9WVPiKHbe3/AAmWo5bGM/6vtXrFeVfAL/mo3/Y56l/7ToA9VooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA8j+B//AB5/E7/sb9U/klcZ+zDq3xFk+D/gW2ufC3hiLwp/ZCKuqReJbmS+MQjO1jaHT1jDE7cr5+FycMcYPcfAVQy/EcEAg+MtSBB6H/V16TpmkWOi6bBp2n2dvYafbxiKG0toljijQDAVUUAKB6AYoA+Vv2WJNR0m1+HVx41FtLb6hoMVr4QubYv9ntMIWmgkDDAuZUUP5mcMitGoGxml9i/aA/49/h9/2Oelf+jGruJvBfh650Oz0WbQNMl0azeGS1057ONreB4nDxMkZXapRlVlIAKlQRggVw/7QH/Hv8Pv+xz0r/0Y1AGP8dviZr/w/wBUujpNxGkMPhPVNTEUsKuguIpbZY5WJwcIJXJUMAR1BwK8t8eWN74e1r4h2ureNbjxi9l4V0W/nvdShtYrqCEalPI7yfZo4o/LCozA+WpAVss3UfV11ounahdC5ubC1ubkQSW3nTQqz+S5UvHuIztYquV6HaMjgVleEPhv4S+H1m1p4X8LaL4atSpTyNI06G0QgsWI2xqBgsScepJ70AeffGDWjH468FSaXqWm2+o2lhq2ppPqE4W2gjFoUW4mI5WESOgLdOeK8w1D4sfEDwH4V1uzv7vxff8AiaaXTY4bfWLXQmuIori6FvJdWM9u8Vq0ZLbY1uwrhtrOCrba+jPCfwt8GeAl1BPDHhDQfDiakd16uk6bDai6PPMojQbz8zfez1PrVXw78G/AHg/RNU0fQfA3hvQ9J1Rdt/YabpFvBb3gwVxNGiBZBgkYYHgkUAeI6L42+JU9vZeHb3U9e0G7l8VW+mDU9fGhz6ubWWykmdZY7Ey2yOrKDGxRSVKFlYbi303bxtDDGjzPOyKFMkgUM5A5Y4AGT1OAB6AVz/h34beEvB+l2el6B4W0XRNMsrhru2s9N06G3hgmIIMqIihVchiCwAJDHnmunoAKKKKACiiigAooooAK8H+F+p3Wi/Af4hajZS+Re2fiDxlcQS4DbZE1jUGU4IIOCAcEEV7xXkX7PNnDffDrxJbXEMdzbTeMPFUcsMqhkdW1y+DKyngggkEHgg0Aec+IPG/xAvNH8Z6/aeNrrSbfwxp2lajb2Nrp9my3kj2qSzx3DSws3lMSOIjG6lmwwG0D0H4K6fqMfj/4t3l54j1LVIJNfjjhsLuO2WG1AsrZsxmOFHPDhfmdhhFONxYt6SfCeiSWl5bNounm2vY0iuoTaoUnRVCIrrjDAKAoByAAAOKLDwjoema9qGuWei6faa1qKRx3upW9qiXN0sYIjWWQKGcKCQAxIGTjFAGzRRRQAUUUUAFFFFABRRRQAUUUUAeSftKf8it4T/7HHQv/AEvhr0TSv+Pk/wC6f6V53+0p/wAit4T/AOxx0L/0vhr0TSv+Pk/7p/pQBr0UUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAeR/ss2qJ8EfDkxJZ2+1DJPQfapeBRU37Ln/JC/DP/AG9f+lUtFAHo9nI7X10pZiqkYBPArzn4Bf8ANRv+xz1L/wBp16JbsItTuFc4L4K571538Av+ajf9jnqX/tOgD1WiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDyib9n2x/tXVb6y8Y+MNH/tK9lv57bTdUEEPmyNuYhRH9BkknAAJOKzJvgnMk0ij4j+PsKxA/4nfv/uV7VURt4mJJiUk9yooA8X/4UrP/ANFH8ff+Dv8A+wrP1j9nW18QLZjUPHnjq7FndR3tuJNa/wBXNGco4+TqpPFe8fZov+eSf98ij7NF/wA8k/75FAHi/wDwpWf/AKKP4+/8Hf8A9hR/wpWf/oo/j7/wd/8A2Fe0fZov+eSf98ij7NF/zyT/AL5FAHi//ClZ/wDoo/j7/wAHf/2FH/ClZ/8Aoo/j7/wd/wD2Fe0fZov+eSf98ij7NF/zyT/vkUAeL/8AClZ/+ij+Pv8Awd//AGFH/ClZ/wDoo/j7/wAHf/2Fe0fZov8Ankn/AHyKPs0X/PJP++RQB4v/AMKVn/6KP4+/8Hf/ANhR/wAKVn/6KP4+/wDB3/8AYV7R9mi/55J/3yKPs0X/ADyT/vkUAeL/APClZ/8Aoo/j7/wd/wD2FH/ClZ/+ij+Pv/B3/wDYV7R9mi/55J/3yKPs0X/PJP8AvkUAeL/8KVn/AOij+Pv/AAd//YUf8KVn/wCij+Pv/B3/APYV7R9mi/55J/3yKPs0X/PJP++RQB4v/wAKVn/6KP4+/wDB3/8AYVn6H+zra+G7Wa10zx746sreW6uL144tawGmnmaaZz8nVpJHY+7GvePs0X/PJP8AvkUfZov+eSf98igDxf8A4UrP/wBFH8ff+Dv/AOwo/wCFKz/9FH8ff+Dv/wCwr2j7NF/zyT/vkUfZov8Ankn/AHyKAPF/+FKz/wDRR/H3/g7/APsKP+FKz/8ARR/H3/g7/wDsK9o+zRf88k/75FH2aL/nkn/fIoA8X/4UrP8A9FH8ff8Ag7/+wo/4UrP/ANFH8ff+Dv8A+wr2j7NF/wA8k/75FH2aL/nkn/fIoA8X/wCFKz/9FH8ff+Dv/wCwo/4UrP8A9FH8ff8Ag7/+wr2j7NF/zyT/AL5FH2aL/nkn/fIoA8X/AOFKz/8ARR/H3/g7/wDsKP8AhSs//RR/H3/g7/8AsK9o+zRf88k/75FH2aL/AJ5J/wB8igDxf/hSs/8A0Ufx9/4O/wD7Cj/hSs//AEUfx9/4O/8A7CvaPs0X/PJP++RR9mi/55J/3yKAPE2+A9rdXmmzal4y8YazDY31vqEVpqOqiWFpoZVkjLKU5AZF6Ed69a0r/j5P+6f6VpfZov8Ankn/AHyKVYY4zlUVT6gAUASUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAeRfsrmUfBHw8JADHm6KNn/p6l4oqH9leaT/hTfh2IybowLojgcH7VLxRQB67NaxXIHmIGx0PevLf2f41hT4iogwq+MtRAH/fuvVVkRmKhgWHUA8ivKbr4A6fHqmq31r4y8XaINSvZb6e307VFgh82RtzEKI/oOSTgAZOKAPWaK8nb4EIrhD8SfHwY9FOu8n/AMcpW+AqopZviR4/VR1J13AH/jlAHq9FeTP8CY1UM3xK8eqp6E66AD/5DpB8DoO3xM8ef+D4f/EUAetUV5Q/wHSNdzfEjx8q+p13A/8AQKj/AOFHQf8ARTfHf/g/H/xFAHrdFeTp8B1lXKfEjx8w6ZXXcj/0Cmt8DIlba3xL8eKfQ68Af/QKAPWqK8oX4ChwCPiP4/I7Ea7/APa6SP4DpJnZ8SPHzYODjXc4/wDHKAPWKK8lb4GRK21viX48U+h14A/+gUv/AAomNU3H4lePgn9466MfnsoA9ZoryT/hR0H/AEU3x3/4Px/8RSj4FxbSw+Jfjwr3P9vDA/8AHKAPWqK8k/4UdB/0U3x3/wCD8f8AxFO/4UXGU3/8LK8e7Bxu/t0Y/PZQB6zRXkn/AAo6D/opvjv/AMH4/wDiKk/4UKpXcPiR4+24zn+3eMf98UAer0V5J/wo6D/opvjv/wAH4/8AiKcvwLjkBK/Erx6wHJI10HH/AJDoA9ZoryT/AIUfB/0U3x3/AOD8f/EVKPgIGUEfEfx+R6jXf/sKAPVqK8q/4UH/ANVG+IH/AIPP/tdMX4DozFR8SPHxZeoGu8j/AMcoA9YorydvgOsYBf4kePlBOBu13H/slDfAhFcIfiT4+DHop13k/wDjlAHrFFeUN8BVRSzfEjx+qjqTruAP/HKa/wACY1UM3xK8eqp6E66AD/5DoA9ZoryUfA6Dt8TPHn/g+H/xFPf4DpGu5viR4+VfU67gf+gUAer0V5J/wo6D/opvjv8A8H4/+Ip6fAdZVynxI8fMOmV13I/9AoA9YoryVvgZErbW+JfjxT6HXgD/AOgU9fgKHAI+I/j8jsRrv/2ugD1eivJ4/gOkmdnxI8fNg4ONdzj/AMcprfAyJW2t8S/Hin0OvAH/ANAoA9aoryb/AIUTGqbj8SvHwT+8ddGPz2U3/hR0H/RTfHf/AIPx/wDEUAet0V5KPgXFtLD4l+PCvc/28MD/AMcpP+FHQf8ARTfHf/g/H/xFAHrdFeTf8KLjKb/+FlePdg43f26Mfnspv/CjoP8Aopvjv/wfj/4igD1uivKP+FCqV3D4kePtuM5/t3jH/fFR/wDCjoP+im+O/wDwfj/4igD1uivJl+BccgJX4lePWA5JGug4/wDIdN/4UfB/0U3x3/4Px/8AEUAet0V5SPgIGUEfEfx+R6jXf/sKX/hQf/VRviB/4PP/ALXQB6rRXk6/AdGYqPiR4+LL1A13kf8AjlDfAdYwC/xI8fKCcDdruP8A2SgD1iivJ2+BCK4Q/Enx8GPRTrvJ/wDHKVvgKqKWb4keP1UdSddwB/45QB6vRXkz/AmNVDN8SvHqqehOugA/+Q6QfA6Dt8TPHn/g+H/xFAHrVFeUP8B0jXc3xI8fKvqddwP/AECo/wDhR0H/AEU3x3/4Px/8RQB63RXk6fAdZVynxI8fMOmV13I/9AprfAyJW2t8S/Hin0OvAH/0CgD1qivKF+AocAj4j+PyOxGu/wD2ukj+A6SZ2fEjx82Dg413OP8AxygD1iivJW+BkSttb4l+PFPodeAP/oFL/wAKJjVNx+JXj4J/eOujH57KAPWaK8k/4UdB/wBFN8d/+D8f/EUo+BcW0sPiX48K9z/bwwP/ABygD1qivJP+FHQf9FN8d/8Ag/H/AMRTv+FFxlN//CyvHuwcbv7dGPz2UAes0V5J/wAKOg/6Kb47/wDB+P8A4ipP+FCqV3D4kePtuM5/t3jH/fFAHq9FeSf8KOg/6Kb47/8AB+P/AIinL8C45ASvxK8esBySNdBx/wCQ6APWaK8k/wCFHwf9FN8d/wDg/H/xFSj4CBlBHxH8fkeo13/7CgD1aivKv+FB/wDVRviB/wCDz/7XTF+A6MxUfEjx8WXqBrvI/wDHKAPWKK8nb4DrGAX+JHj5QTgbtdx/7JQ3wIRXCH4k+Pgx6Kdd5P8A45QB6xRXlDfAVUUs3xI8fqo6k67gD/xymv8AAmNVDN8SvHqqehOugA/+Q6APWaK8lHwOg7fEzx5/4Ph/8RT3+A6Rrub4kePlX1Ou4H/oFAHq9FeSf8KOg/6Kb47/APB+P/iKenwHWVcp8SPHzDplddyP/QKAPWKK8lb4GRK21viX48U+h14A/wDoFPX4ChwCPiP4/I7Ea7/9roA9XoryeP4DpJnZ8SPHzYODjXc4/wDHKa3wMiVtrfEvx4p9DrwB/wDQKAPWqK8m/wCFExqm4/Erx8E/vHXRj89lN/4UdB/0U3x3/wCD8f8AxFAHrdFeSj4FxbSw+Jfjwr3P9vDA/wDHKT/hR0H/AEU3x3/4Px/8RQB63RXk3/Ci4ym//hZXj3YON39ujH57Kb/wo6D/AKKb47/8H4/+IoA9boryj/hQqldw+JHj7bjOf7d4x/3xUf8Awo6D/opvjv8A8H4/+IoA9boryZfgXHICV+JXj1gOSRroOP8AyHTf+FHwf9FN8d/+D8f/ABFAHrdFeUj4CBlBHxH8fkeo13/7Cl/4UH/1Ub4gf+Dz/wC10Aeq0V5OvwHRmKj4kePiy9QNd5H/AI5Q3wHWMAv8SPHygnA3a7j/ANkoA9YorydvgQiuEPxJ8fBj0U67yf8Axylb4Cqilm+JHj9VHUnXcAf+OUAer0V5M/wJjVQzfErx6qnoTroAP/kOkHwOg7fEzx5/4Ph/8RQB61RXlD/AdI13N8SPHyr6nXcD/wBAqP8A4UdB/wBFN8d/+D8f/EUAet0V5OnwHWVcp8SPHzDplddyP/QKa3wMiVtrfEvx4p9DrwB/9AoAd+y3GqfAvw0VUAsbokgdf9KmortPAPg2w+HvhGw0DTJp57Gz8zy5Lp1aQ75GkOSqgdWOMDpiigDUsv8AkI3f1FGs/wCpj/3xRRQBX1T/AJCdv/wH+Zq/qP8Ax4z/AO7RRQBnal/yD7P6D+QrP/gf6GiigDUn/wCQKn+e9ZMf3V+ooooA2tL/AOPN/wAaxT/H9aKKANnQf+PVv96jTfu3n+8f60UUAZH8UlW4/wDkDv8A79FFAFL+JP8AdP8AWrUf/HjcfUUUUAVY/ur9RWgP+QK/+8P50UUAUP8AAfyrW03/AJBcv+639aKKAMdPvL9P61oaX/x63H+4f5UUUAZ//LJfof51uaJ/x7N/vUUUAaNZ9l/yEbv6iiigA1n/AFMf++Kr6p/yE7f/AID/ADNFFAF/Uf8Ajxn/AN2s7Uv+QfZ/QfyFFFAGf/A/0Nak/wDyBU/z3oooAyY/ur9RW1pf/Hm/40UUAYp/j+tbOg/8erf71FFABpv3bz/eP9ayP4pKKKALcf8AyB3/AN+qX8Sf7p/rRRQBaj/48bj6iqsf3V+ooooA0B/yBX/3h/OqH+A/lRRQBrab/wAguX/db+tY6feX6f1oooA0NL/49bj/AHD/ACrP/wCWS/Q/zoooA3NE/wCPZv8AerRoooAz7L/kI3f1FGs/6mP/AHxRRQBX1T/kJ2//AAH+Zq/qP/HjP/u0UUAZ2pf8g+z+g/kKz/4H+hoooA1J/wDkCp/nvWTH91fqKKKANrS/+PN/xrFP8f1oooA2dB/49W/3qNN+7ef7x/rRRQBkfxSVbj/5A7/79FFAFL+JP90/1q1H/wAeNx9RRRQBVj+6v1FaA/5Ar/7w/nRRQBQ/wH8q1tN/5Bcv+639aKKAMdPvL9P61oaX/wAetx/uH+VFFAGf/wAsl+h/nW5on/Hs3+9RRQBo1n2X/IRu/qKKKADWf9TH/viq+qf8hO3/AOA/zNFFAF/Uf+PGf/drO1L/AJB9n9B/IUUUAZ/8D/Q1qT/8gVP896KKAMmP7q/UVtaX/wAeb/jRRQBin+P61s6D/wAerf71FFABpv3bz/eP9ayP4pKKKALcf/IHf/fql/En+6f60UUAWo/+PG4+oqrH91fqKKKANAf8gV/94fzqh/gP5UUUAa2m/wDILl/3W/rWOn3l+n9aKKANDS/+PW4/3D/Ks/8A5ZL9D/OiigDc0T/j2b/erRoooAz7L/kI3f1FGs/6mP8A3xRRQBX1T/kJ2/8AwH+Zq/qP/HjP/u0UUAZ2pf8AIPs/oP5Cs/8Agf6GiigDUn/5Aqf571kx/dX6iiigDa0v/jzf8axT/H9aKKANnQf+PVv96iiigD//2Q==)

Diagrama 13. Diagrama modelo relacional

# **Bibliografía**

Abraham Silberschatz y Henry F. Korth (2006). Fundamentos de Bases de Datos. 5° Edición.

# **Webgrafia**

*Modelado de software*. Wikipedia.org. Recuperado el 28/09/2022 de <https://es.wikipedia.org/wiki/Modelado_del_software>

*Modelo relacional*. Economopedia.com. Recuperado el 28/09/2022 de <https://economipedia.com/definiciones/modelo-relacional.html>

*Modelo entidad relación.* Wikipedia.org. Recuperado el 28/09/2022 de <https://es.wikipedia.org/wiki/Modelo_entidad-relación>