# Week 13 Practical

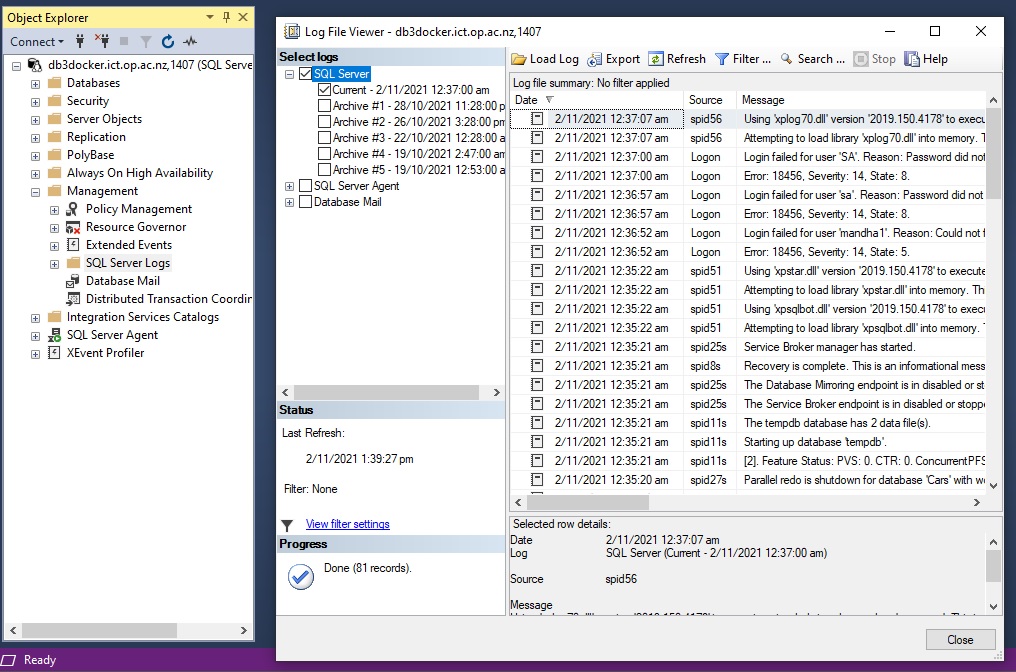
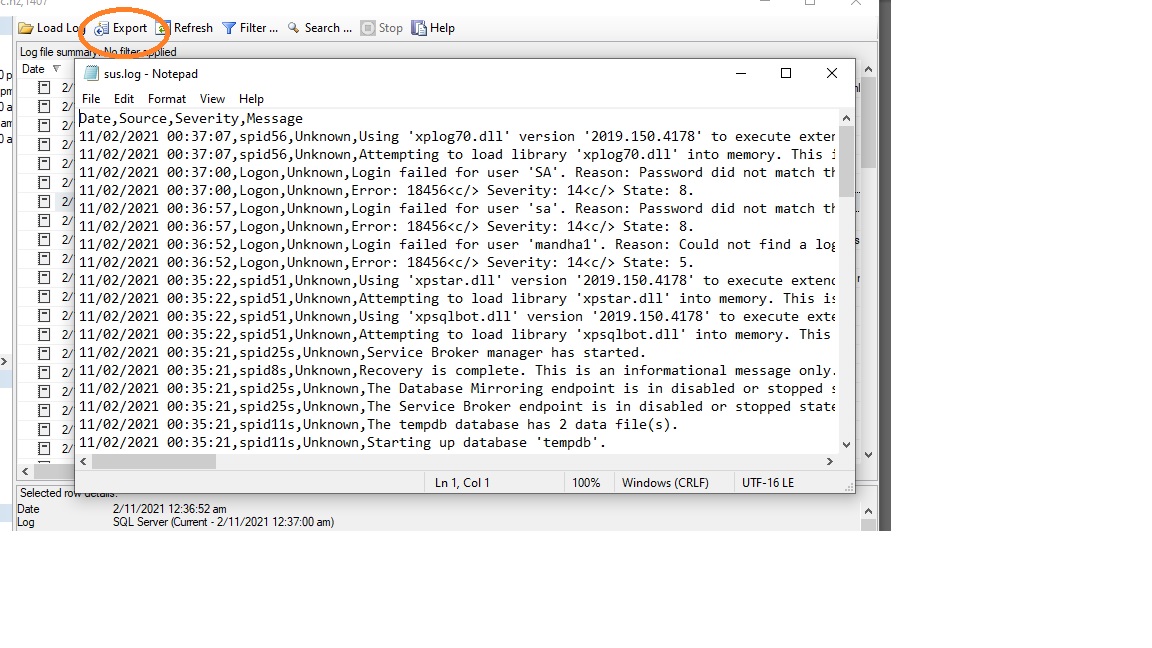
# Duties of a DBA 10%

## Examine each of these carefully, screen captures and notes can be used as proof of completion. Perform any additional setup as required to complete these tasks.

* Check the previous night’s SQL Server database and transaction log backups and SQL Server Agent jobs for errors.
* Check all databases to make sure all are up and not marked as suspect. Check previous DBCC CHECKDB for errors.
  + Query to run DBCC CHECKDB on all existing databases, manually went through logs and no errors

Text

Description automatically generated

* Check SQL Server Log File entries for warnings and errors and determine if any entries warrant further investigation. Export and save the current log file.
  + Opened log file viewer in SSMS
  + Found a suspicious attempted login so exported it into text file
* Look for any security policy violations. Look for resources on the server, such as file sizes and disk space, and audit growth for long-term projections.
  + Ran this query to check unused space to estimate next backup size

Graphical user interface, text, application, email

Description automatically generated

* Explore any expensive queries or tasks,. Set up a sensible logging report to monitor disk and memory usage.
  + Right clicked databases, reports, to see metrics

![Graphical user interface, chart, application, table

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RD0RXhpZgAATU0AKgAAAAgABAE7AAIAAAAOAAAISodpAAQAAAABAAAIWJydAAEAAAAcAAAQ0OocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAEhhcm9sZCBNYW5kYWwAAAWQAwACAAAAFAAAEKaQBAACAAAAFAAAELqSkQACAAAAAzg1AACSkgACAAAAAzg1AADqHAAHAAAIDAAACJoAAAAAHOoAAAAIAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAyMDIxOjExOjE4IDIyOjQ4OjU2ADIwMjE6MTE6MTggMjI6NDg6NTYAAABIAGEAcgBvAGwAZAAgAE0AYQBuAGQAYQBsAAAA/+ELIGh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iLz48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOnhtcD0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLyI+PHhtcDpDcmVhdGVEYXRlPjIwMjEtMTEtMThUMjI6NDg6NTYuODUzPC94bXA6Q3JlYXRlRGF0ZT48L3JkZjpEZXNjcmlwdGlvbj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOmRjPSJodHRwOi8vcHVybC5vcmcvZGMvZWxlbWVudHMvMS4xLyI+PGRjOmNyZWF0b3I+PHJkZjpTZXEgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOmxpPkhhcm9sZCBNYW5kYWw8L3JkZjpsaT48L3JkZjpTZXE+DQoJCQk8L2RjOmNyZWF0b3I+PC9yZGY6RGVzY3JpcHRpb24+PC9yZGY6UkRGPjwveDp4bXBtZXRhPg0KICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICA8P3hwYWNrZXQgZW5kPSd3Jz8+/9sAQwAHBQUGBQQHBgUGCAcHCAoRCwoJCQoVDxAMERgVGhkYFRgXGx4nIRsdJR0XGCIuIiUoKSssKxogLzMvKjInKisq/9sAQwEHCAgKCQoUCwsUKhwYHCoqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioq/8AAEQgCFwHUAwEiAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A9l8p/T9aPKf0/WrNFae0ZPKit5T+n60eU/p+tWaKPaMOVFQW21iyxqGbqQBk07yn9P1qzRR7RhyoreU/p+tHlP6frVmij2jDlRW8p/T9aPKf0/WrNFHtGHKit5T+n60eU/p+tWaKPaMOVFbyn9P1o8p/T9as0Ue0YcqK3lP6frR5T+n61Zoo9ow5UVvKf0/Wjyn9P1qzRR7RhyoreU/p+tHlP6frVmij2jDlRW8p/T9aPKf0/WrNFHtGHKit5T+n60eU/p+tWaKPaMOVFbyn9P1o8p/T9as0Ue0YcqK3lP6frR5T+n61Zoo9ow5UVvKf0/Wjyn9P1qzRR7RhyoreU/p+tHlP6frVmij2jDlRW8p/T9aPKf0/WrNFHtGHKit5T+n60eU/p+tWaKPaMOVFbyn9P1o8p/T9as0Ue0YcqK3lP6frR5T+n61Zoo9ow5UVvKf0/Wjyn9P1qzRR7RhyoreU/p+tHlP6frVmij2jDlRW8p/T9aPKf0/WrNFHtGHKit5T+n60eU/p+tWaKPaMOVFbyn9P1o8p/T9as0Ue0YcqK3lP6frR5T+n61Zoo9ow5UVvKf0/Wjyn9P1qzRR7RhyoreU/p+tHlP6frVmij2jDlRW8p/T9aPKf0/WrNFHtGHKit5T+n60VZoo9ow5UFFFFZlHnv/C3rKS7u4bLwn4rv47S5ktpLiz00Sxb0bDYYP8A/X9q6Xw/4x0jxPpVxe6NLJObYlZ7YxlZ4nA+4yHkHgj0PrXPfCT/AJAmvf8AYwXv/oYqldA2fxq1xtOzGJvDPnXbRnH75ZCI2OP4tvQ9cUm7RV+qv+FxpXb8nb8bHf6TqP8Aa2k2999jurLz03fZ7yLy5o/ZlycGp7mdbW0luJASkSM7BepAGeK8de88Vah8KfB9zaz67c2csTNq8+kSB9QYY+TYWOT83XHOK1PBt9atBr1jZ+LdY1MR2LO+l6/AwvLVsHLeYwBZTwMAEDjnmipdc1ul/wABQ15b9bHoPh7XLbxL4es9ZsUljt7yPzI1mADge4BI/WtKvCPhxrl94jtPDHhaaa90HS4LIzrIjNDLqrRudyRyKRtQdTg7iB2Fe7AbVAGeBjk5q5Kz0Ji21qZPh3xJZ+JrW7nsI540tLyWzkEygEvGcMRgnj07+1Ot/ENrc+Kr3QI45hdWdvHcSOyjYVckAA5zn5TniuW+EnGja+p4ZfEN7kenzioUe8b4reMTo2x7+PRLZYA/3RN+8KA/iRUXty+l/wDyW/5lLW/rb/yax6JRXg+mXtzp11Zz+JPFvjTw7rZlRZjrMHnabNISN6oqjZtPIB3DHWt74gaiLjxg+nx694suHhgRhpXhODbJblv45pc87uMDjAx65LelgWtz1qivFNG8c65pHw78WuX1KW60u7jt7E64B9piEoQDzezbS27J6/SrHi3wprfhLw7b6vB478RXVyby2S7inu8xSh5VBCAYMYyexPHHenbVedvx/wCHF0b9fwPY6K8W8aeJ9S1P4h6nov8AxWCaZpUcShfCkAaR5HXeWkk6qMHAXnOCeK6b4Waxrt4dU0/WLXXvsdqyNY3eu2fkXEiMDuRj0cqR97OTu5xxSjqrjloz0OiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA82tPhx4t0m4vhoPxBOn2d5ey3Ztxo0UhVpGyRvZifQfh0roPD/gW10Gx1PN9c3+p6suLzUbs7pJDtIGAMAKM8KPzrqaKVtOX5fId9b/M4eP4f6lZeEtF0vRPFl5pl5pEZjS6hhDRTg9fMgYlW9snjmn6N4BvbbUrvVvEniObXNWnsmsY7hrVII4YmOSBGnGc9812tFN63v1/US0tbocO/wAN1/4QLR9Ch1Qw6horJJZaqkHzRyKc52buQQSCu7Brtow4iQSsryBRuZV2gnuQMnH0yadRTu3fzFZK3kcHf/DzVLfXr7U/Bfi248Pf2lJ513bGzjuonk7uquRtJ7nvWh4e8CRaLp2qrc6tfXuqawP9N1Tf5UzEKVXZt+5tBOMdK6yiptZWH1uecXHw08Q6pa/2X4g8f3uo6ESokszYRJLKqkEK04+Y9OTjJq9q3gDVD4mutZ8I+K5vD8l+kaXsX2KO5SXy12qVD42nHHeu5opgecP4E0zw54Q8V/8ACW65eanYartnu7qWEtNDtUDd8mc4IDDC4UADBArhPEI+22Wj6dH8Sj4uln1G2Sw0+2WJSgDgl5yhLPhR1fGDz9PoEgEEEZB6g1m6f4a0LSbtrrS9F06yuHyGmtrRI3bPqVANC0kn6fgD1jb1/E5/xB4Eu7zxE+v+FvEVx4d1SeJYbp0t0uIrhV+6WjbALAcBs8Cr/hHwgPDIvbq81GbVtX1F1e9v51CGUqMKoUcKoHQe/wBMdJRQtNgeu4UUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAHmvgnxNqi6Prvifxh4j83SLW7ngS3+wqv2ZY5Nu7dGNz5GBjFblr8VPBF7qEtnb+JLNpoYzK5YsqbQMkhyArYHOASeD6V58n/JvPjH/r/vf/AEeK3fF2l6ebj4bWpsbY24v0QRGFdgXyScYxjGQDj2pRu0l5R/8AJglpd/4vwOz8NeOPDni+G5l8O6pHeLakCb5GjKZ6EhwDjg89ODWR/wALi8A/2l9h/wCEkt/O37N3lyeXn/rpt2Y984rF1O5XTvi14oulsluxH4VEz2pAxcFXb5SO+QMd+K4HXNZe9+Fs81x8RtGt4bizzH4b03T4QsZIyIcA715wMkDB5ovpf+t2v07DSu7f1sn+p7jrvjXw74ZuYoNe1SKykmhaaPzFbDIpAOCBjPI46nsDS+GfGfh/xjbzTeG9SjvVgYLKArIyZ6ZVgCAcHBxg4NcS9rBe/FDwJ9shjn2aHLIvmqGw4VMNz396TXLS4f4h+NI9IRhe3HhZfL8rhnkJkAx78AflTl7u/n+F/wDIUfe/D8bf5lvxZ8X/AAxbaLrVnoXiO3Gt21rKbfEZZfNVTgKzL5bHPbJzS6n47k0LxR4Z/trVorTSbrR5Lm8MqKA8oCbTnGc5J4XrnpXMaj4s8EL+zx/ZkF9p/ntpghSwyrTLc7epj+8CHyd2Md81ttaW938TvAa3UEcwj0OWRBIoYKwVMEZ7j1p2tJr+tpf19wm7xT/reP8AX3nbeG/Gnh7xdaz3Hh3VIryO3IE3ytG0eehKuAQODzjHBrG/4XF4B/tL7D/wklv52/Zu8uTy8/8AXTbsx75xWTqEsemfFDxdepYpdlPDMc72xUYuCGk+U+uQAK891zWXvfhbPNcfEbRreG4s8x+G9N0+ELGSMiHAO9ecDJAweanm0v8A1u1+nYu2tv62T/U9x8UeI5/D1jFLZaHqWtTzsUjisIgwU4yC7Z+Re27msz4Xa9qfiXwHbanrjq97LPOr7UChdsrAKAPQDH4d66DQiW8NaaWOSbSIknv8grkvgz/yTW3/AOvu6/8AR71duWUo/wBbmad4KX9bM72uR1PW9Qt/ixoejQ3G2wu7C4mmh2Kd7oV2ndjIxk9DXXVwWs/8l18M/wDYLu/5rUr4l8/yZT+F/L80ZHgD4iape+L9S0XxTIGhudQuotIutioG8l8NAdoHIUqwJ5PPJ4ro11TV774heIdCt9Q+zQw6VDJaN5CP5Ezlx5mCMt0B2k44rkfDPhWPxb4C8Q2ay/Zr6DxHeXFhdr963nVwUcH68H2Jqb4Z69d+IPiRrs+q2ptNTt9NtrW+hIwFmR5AxHseCPY0R15U+33+7/n+j6g3bmfn/wC3f5fqJ4ts/iB4U8N3GqSfEs3MiFY4LZdBt1aeVjtRAcnkk+hrX1rVvFRvvDvg/S9SgttaurE3Opaq9ssgiVAAWSPhSWcngjH9H6qf+Et+LVjpCndp/hpBqF2OCr3L8QqfdRuao/EuoW3hn4yaLrOsTJa6dfaXNp/2qZ9sccocSAMScLkDqaFra/Vv8E7fe/0B6Xt0/W35L9S34T1vXbPxVqnhTxbew6lc2lql7a6hFAITPCxKtuQcAhhjiuP8Nap4q8S6dZXMvxasNLvdQLNFpb6baPKo3sFABIZsgelbmmajZ+Jfi9rWt6Sf7S03S9DWxaW0YOs8jOZCiNnDHAxwcZNc5qUnwfk+F9y2l2um2ty9uwtrchTqMc/O1TyZNwfHcj3xSvpd7/8ABf5q39MdtbL+tF+tz1DxXrcvhbwNd6hJL595BAI4m2AedO2ET5fdyOKyvhzrms3cOp6J4uuFn13SZws0gjVBLE67o3AUAY6jgdq5DWz4p16Xwd4X082cms6bZQ6vqX9pPJ5W9AFRZNg3E7iTj1GafK/jHwv8StI8S+MRoi2upFdHuDpDTY+Ylo2cSccMMZHYmrS9536u3+VvV3RH2V5a/wBfLU7TXPij4M8Oas2maxrsUF4mA8SxSSbCezFFIU+xNaOreNPDuh6FDrOp6vbRafcY8mdWMglzz8gXJbj0Brzm4uNN0bW9fm8K/EHSNP8AOvJZL/RtdgXY9weH+Zism04/h3A9s1G1/omu+EPB2rXWqW/gbVIzcHS5YrZfsin7shCuAgVgAQGKnnjNQruKfp+P9dy3pK3r/X+Z6Fovjjw74s0u8n8N61FN9njYyMI2Dw8HDGNgGI/DBxUWn+LNL0v4fWWu674ijvLRogTqcluYPtBJOCIgMgnH3QM8Vx/h/wASS33ibW9NuZ9B16ZdGeX+3dIhCuVBwIpmBIyc5AU4GOnphaZPZ6foPwp1HXyqaLAk6ySy/wCqinKfumft1DYJ6cnimtfw/wDbv8vv+RPXXz/T/M9N0D4leEvFGoRWOhawl3dSq7LEIZFbC4yTuUY698Z7ZxVS7+LvgWxYLdeIIUfzXhKeTKWVlO05AXIGQeTwexrDOu6Drnx30N9Au7S9lh066W5uLUh1OdpVfMHDY54ycZ96f8MdPs38DeIXa1hL3OpXyzNsGZAHIAJ7jFS3aN/Jv7nYpK8reaX3q52Oq+NPDuiWthdapq1vb22ojNrOSTHKNu7O4AgDHQkjPashPi54Fk0ebVF8RW/2WGQRPmOQPuPQCMrvPQ8gY4PpXA6Vbw3Xh34QxXMMc0ZuJCUkUMCRGxHB9CAfwrrtNsrVv2gdbna2hMyaRbskhjG5SWYEg9iQMfSra95x82vuVyU/dT8k/vdjrLbxVod34ZHiGDU7c6SUL/a2baoAOOc4IOeMHnPFZ3h74k+EfFOomw0LW4bm6AJEJR42bHXbvUbvXjNeP6nbzt8LrwwTNaWNp4zme6lW3EywQhyAxiPDqrFTt6GtO4EmpeJvDEc3xNh8TXK6hFJbW2l6PbeZEByzM6SAxptGG9v4TiiNpNedvxSf69un3ErpPyv+Da/Q9I1b4o+DdCubq21XXIree0l8maIxSM4bAPChSSMEcjI96zvG3xR0vQPA9rruj31rdG/kVbMvG7xygOBJ93BBVd3BI5GPaovAdnbN8QvHl01vG1wNRjjEpQFgvlA7c+ntXHXQitPgX4hChYoYfEUgAHAVReL/ACFTHXl87P8AFf5jfW3dr8/8j0vU/HEMPhuy1fw/pOpeIY9Qz9mFhbn0OGkLYKLkYyR+FZvgPVtf8YfC37Zc6itlrFy86LdLbo4tyJGC4TgNgDHPXHJrs7S9tdRsUu9PuYbq2lGY5oJA6OOnDDg1xXwZ/wCSa2//AF93X/o96dtZIOifn+jLXwv1jVtZ8Jzy6/ffb7yC/uLY3HkpFvVH2j5VAArs64L4Qf8AIp6j/wBhm8/9Gmu9o3SfkvyDZteb/MKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDzv4faJrFpZ6zoHirw1EmmTXk9xFPNcRTpciSQnaYhnGBg8/lXdzadY3DWzT2dvK1o2+3LxKTC2MZTI+U44yKs0ULRJdv0Dq33/UrrYWa6g1+trALx4xE1yIx5jIDkKW64zzjpWevhHw2ks8qeH9KWS5VlncWUYMob7wY7eQe+etaV3eW2n2kl1f3EVrbxDdJNM4REHqWPArIi8ceE55NkHijRpHwW2pqEROAMk8N2AJ/CgDTGmWAuoLkWVuJ7aMxQS+Uu6JD1VTjIHA4FPWytEv3vVtoVu5IxG9wIx5jIDkKW6kAknFY3/CfeD/APobND/8GUP/AMVW1b3ltd+b9luIp/JkMcnluG2OOSpx0PI496AM9/Cvh6S6uLl9B0xri5VknlNnGXlU8EMcZYHuDVwaZYC6guRZW4ntozFBL5S7okPVVOMgcDgU06tpyxPI1/aiOOcW7uZlwspIAjJzw2SBt65Ipup61peiwpLrOpWenxudqPdzrEGPoCxGaA3J1srRL971baFbuSMRvcCMeYyA5ClupAJJxWcvhHw2ks8qeH9KWS5VlncWUYMob7wY7eQe+etSXvibQtNt7e41HWtOtIboFoJJ7tEWYccqScN1HT1pNN8UaBrFw0Gka5pt/MiF2jtbuOVlUcFiFJOORz70AaccaRRLHEipGihVVRgKB0AHpVFtNNjpLWnhtLHTGDbowbTdEpLZYmNGTJPPccnPNM0/xJoer3T22lazp99cRjLxW10kjKOnIUkin6lr+j6M0a6xqtjYNL/qxdXKRF/puIzQw2M/7H4x/wCg7of/AIJZv/kqr9nprboLvWFsbvVIVZFvILTyiqseVXczso6Z+bnFWpb60giiknuoY0ndUiZ5ABIzfdCk9SewHWpmZUUs5CqoySTgAUBuQWlhZ6ekiWFrBapLI0siwxhA7t95jjqT3PU0kWm2MGoT30Fnbx3lwFWa4SJRJKFGAGYDJx2zUemazpetRPLo+pWeoRxttd7WdZQp9CVJwan+12/237H9oi+1eX5vkbxv2Zxu29cZ4zQAy20+zs5riaztIIJbl/MneKIK0rf3mIHzH3NLfafZ6naNa6laQXlu/wB6G4jEiN9VIxViobm7trNEe7uIoFeRY0aVwoZ2OFUZ6kngDvR5AMsNOstLtFtdMs7ezt1+7DbxLGg+igAVW/4R3RP7W/tT+x9P/tDOftf2VPNz678Z/WtKoLe9tbuSZLW5hme3fy5ljkDGN8A7WA6HBBwfWjqHQbHp9nDfzX0VpBHdzqqy3CxASSAdAzYyQO2aL/TrLVLU22p2dveQFgxiuIlkXI5BwQRkU5L21kvJbSO5he5hVXkhWQF0Vs4JXqAcHHrilF3bkTETxEW5xMd4/dnAbDenBB57EUAUb/wxoGq3a3Wp6Hpt7cKAFmuLSORxjpyQTVq80uw1Gy+x6hY211a8fuJ4VdOOnykYp8V9aTWK3sN1DJaOnmLOkgMbL13BumPelt7u3u7cT2s8U0J6SRuGU/iOKPICvYaJpWlWj2ul6ZZ2VvJnfDb26xo2fUKADWH4qsNSs/D9vaeFfD2j6pYxtsuNHuVWJZYuyxn7ikHswIx+u6+s6XF9m83UrRPtYBt906jzgehTn5s+1Gp6zpmiwpNrGo2mnxO21Xup1iVj6AsRk0MaOD8IeGtan8Zwa7q3h2x8LWGn2clvZaVaTRyHfIwLyExgLggdOtegWunWVjbvBZWdvbwyOzvHDEqKzN94kAck9z3pbjULOzs/td3dwQW2AfOlkCpg9PmJxUkM0VxCk1vIksTjcjowZWHqCOtHS39dyetyrHoulRR2aRaZZoliSbRVt1AtyRg7OPl49MVMthaJfyXyWsC3ciCN7gRgSOo6KW6kD0pbS9tb+DzrG5huYtzJ5kMgddynBGR3BBBour21sY0e9uYbdHdY1aaQIGdjhVBPUk8Ad6BjbbTrKyhlis7O3t45naSVIolVZHb7zEAck9yetVtN8O6Jo88k+kaPp9hLKMPJa2qRM464JUDNS6nrOmaLCk2sajaafE7bVe6nWJWPoCxGTVtHWRFeNgysMqynII9aAIbewtLSe4mtbWCGW5cPPJHGFaVgMZYj7xxxk1GNH00WM9kNOtBa3DM00AgXy5WY5YsuMEk9c9amku7eG5ht5biJJ593lRM4DSbRk7R1OBycdKa99aR3aWsl1Ctw4ykLSAOw9l6mgBbOytdOs47TT7aG1tohiOGCMIiDrgKOBVO4h/sLQZx4b0eCWSJWeCwgZLdZXJyRnG1ckk5NaLyJFG0krKiKCWZjgAepNVNM1nS9aieXR9Ss9Qjjba72s6yhT6EqTg0bhscz8L9H1bRvCc8Wv2P2C8nv7i5Nv5yS7Fd9w+ZSQa7OoEvbWS8ltI7mF7mFVeSFZAXRWzgleoBwceuKr6prukaIsba1qllpyykiM3dwkQcjrjcRmi+iAv0VmReJNDuNLl1ODWdPlsITiW7S6QxIfdwcDqOpqxNqmn2+mf2lcX1tFY7BJ9qeZVi2no28nGDkc570AW6KjgniubeOe2lSWGRQ6SRsGV1IyCCOoPrUlABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFR3Ewt7aWZgSI0LkDqcDNSUhAIIIyD1BpO9tBq19TzqLXtfg8H6V4xuNV85L6W3ebSxBGIUhmkVQqMB5m9Q4OSzAkH5Rnitc674jj8LeJfEX9uOBo2o3SW9mtrEI5I4pcbJGKljxwCpUjuTXT2/gOwtzbQfbtQk0u0nE9tpckiG3idTuXB27yFPIVnKjjjgYnl8F6dN4b1fRGmuhbatPNPO4dd6tK25gp24Az0yD+NVpf7/ANP+CGmiflf8f+B/SKXxOYt8L9ZZQMmBSAT/ALa1r6ZceIZLhV1XS9MtrbbzJbalJM+e3ytAg/8AHql1zRLbX9AuNIvHlS3uECO0RAcAEHgkEdvStEDAApdSVeyuclpv/JXte/7BVl/6MnrL8L3Gvxap4pXSNM026g/tuYl7rUZIG3bE42rA4x05z+FdjBoltB4ju9aR5Tc3dvFbuhI2BYy5BAxnPznPPpRpOi2+jyag9s8rm/u2u5fMIO12ABAwBx8o65+tC3+T/NMb1+9flY8wLXD+DdUa9ijiuD4zi8yOKQyKp+0w5AYqpI98D6V2PhxVvPH/AIqvLxQ91aTQ2cG4ZMUHkq+F9AzOxPrgegq7J4K06SwubRprry7nVF1RyHXIlDq4UfL93KDjrjPNWNR8NR3mqHU7HUL3Sb54xFLPZGP98gJKh1kR1OMnBxkZPOKI6RS/raK/Rr0B6t/11b/X7yLT9O03S7HW4NIuhIjTSSzWyyKy2sjICyBQPkBzvwe7E96wdB0WTxF8CNM0mG4Fs91pMKCQruA+UHBHGQcYPsTXU6XoFnpGmTWVqZW+0O8k88r75JpG+87E9z+QwAAAMVBH4T0xfB1v4amE09hbwxwozybZBswVbcuMMCAcjHIo+y16fhcfVP1/GxzN1qFza3mjQ+OPCsMEFvdxJZ6npl2ZIYZz8iZXCOinO3GGXnBq/wCBkguIte1bUFQ30+p3MNy8vJjiicokeT0UIAcdPmJ71oL4RWW5tpNW1rVNWitZVmgtrswiNZF5Vj5caFyOo3E889eabqvgmy1Ka+eC9vNOXUl230Vr5TR3XG3LJIjgNjjcoBOBk8CjZP5/p/l91haaL0/X/M4eRlh87TbJAmm2HjK1itFUYWMEI7xqOgUOzcDgZxXY/EksfBUsOCYrm7tbef8A65POiuD7EEg/WqenfDiKx8ODQhqlxHZ2moC+0+aBEE8RB3YdmVlc7ieSvIxmtlvC/wBr0+7sNb1nUNYtbuPy2iulgTZzncpiiQhunOTjFC0VvNP8I/5B9q/9bv8AzOe8TatYeEfHtrqswWG1Gh3JuhGuNyxSReWMdCQXKj/erE8G6tpk/wAVzez67p93qWq6QDKsF8kqJJ5uVt0wxB2IO3JwW716BpHhmLTNRk1C41C91S+eEQLc3rIWjiBzsUIiqATyTjJOMk4FWf7Ft/8AhJv7c3y/avsf2PZkbNm/fnGM5z7/AIU1o18/xv8A5oUtU0vL8Lf5MzfFd/8AZHsov+Egm0nzmf8AdWdmLm6ucAcRqVfgZycRt1HI78Dqeq3/AIj8MLDPqd4rad4rtbSO6a0WCaVC8TK0kbx/K67/AO6oO0Erg4r0jWPDkerajaahDf3mm39ojxx3NoYyxR8bkKyI6kEqp6ZGODWanw/09NIvbE3+oyPeX6ai13JKjTRzrs2spKbesY4II6jpgBR0d35fmn+RT2sv60f6nSSWsVxYtaXqLdxSR+XKs6KwlBGDuGMHPcYxXJeA7K1sda8X2llbQ21tHqqqkMMYRFH2aHgKOAK7GJGjhRHkaVlUAyOBuc+pwAMn2AFUdN0S20q+1O6t3laTUrgXMwcghWCKmFwBgYQdc85prd+n6oXRev6M5jw9pun6P8Utet9Lsraxtxpdm/lW8SxoCXnycKAKs6dpVhrXgyW71awtrz7bLNqCLcwrJtLFvLYbgcER7RmtiXw5ayatqWoie4jn1GzSzkKMAEVd+GXjhv3h5ORwOKvx2UMOmrYxDZAkIhUL2UDA/Sokm4tdbfq/+AUnad+n/AS/zPNIMSfCHwRbw5kv5GsmsrYj93cSIu/bJ6IFVmJ6jaCAxAU2jdXNnfeMo7oLaazfLbrDbwMWi2yDyYpFfgsxbIYlVI2gYIAJ6g+C9O/4RnTNFSe7jXSfLNndpIBNEyDaGzjaTgkEFSCCcim2vguzgvTfXd7fX9888U0tzcum6Tyg3loVVVUKpYthVHzcnNaStKUuzf4O346EK6irbpfiv6+8xPFlv4f0GxuNPtdLTUdb1u2Fla2WN7zKibFHPEcSjkngDk9aPDmnTweOo7DWXW7uNM8OWsKysCwZmdxKwz/eMag9yAK1JPAwHie/16z8QatZ3l8qpIY1tnCIo4RPMhYqvfAPJ5NXL/wst9Pa3aatqFnqNvbm2a/tjEJZozgkODGUPIzwowemM1Kbvd/1o1+uo7aW/rdf5aHJ+HpNA03wWmr+I/LW10HUL6GyaQswRfPdFCp3YAbVGCQOnWtbwZoH2nw5qQ8QaRDFZarqEl7DpVzEriCJtpVXQjAYlS5HYt61NefDrTrj+xhZ6hqGnrou5rVYDFIu9usjCWNwz9Tu6gkmui0yyuLC3aO61S71Ny24S3SxKyjA+UeUiDHfpnnrQv8Agfl+drg9/wAfz/K5zfwxjSHwjNFCixxpql8qoowFAuZMADsKr/EvS9PfTbHUnsbZr9NTsY1ujCplVPtKfKHxkDk8Z710+h6JbaBYPaWbyvG9xLcEykE7pHLsOAOMsce1Gt6Jba9Yx2t48qRx3ENyDEQDujcOo5B4yoz7U+sX2t+Fg6S87/jcwoo1u/i7ei7jVxa6NCLcOMgCSWTzCPTOxQfXFVvAdxJaeEWY3EMOmabe38TB4yx8mOZwm1t3yhQMYIPAHSt3V/DUWqahFqFvf3ml38cTQfabIpueInJRg6MpGRkHGQehGTVjTdEg0ezsrPTJZre0tFZfIBVhNnu7MCxOSWyCMknOaS+G3r+dxuzd/T8rHllj4o0bWfiX4a8RXOuWIluvtUUVr9tQ/ZISgESMobiRydxzzkhf4ataqs03h7xVcWcYl0KXVvtFzqDf8fUflMolMSdHCGPCsWUgA4Vto3elXmi299rmm6pK8on07zfKVSNreYu07hjJ4HGCKxrrwDYXP2y3Go6lBpl/MZ7vTIpUEMzMcvyVMihjyVVwDk8cmhaNf11TF6/1pb/hjWvNLg1/T7i11UxXml3SxlIVV0JUYb5mDfMCQDjA44Oc1zdibmH4tz/2vaw2jXmlmOyW2k8yOeOKXLFyQpDgOuF2kAE/Ma6PUtAttXsbqy1CaeS1n2bIlKp9nKEFWjZQGB3ANyTyPTiodM8MxWOq/wBp3mo32q3whMEc96Y8xRkglVWNEUZIGTjJwOeKatzX9fysH2ben5owvDumWGk/FTXrbSrG2sbf+y7NvKtoVjXJknycKAM07xhdTWfj7wjNbWFxqEg+2AQWzRh2/dDkGR1Xj610sGiW0HiO71pHlNzd28Vu6EjYFjLkEDGc/Oc8+lF5otvfa5puqSvKJ9O83ylUja3mLtO4YyeBxgil2/ruD3b/AK2R5z400y9udF8Ua9qGmtpsF7a2dqLSd43kk2T5Mj+WzL0faBuJwO3SqOtoZ/Dt34DcZXSDdXMynobONDJb/hukjX/tm3pXqmvaLb+ItFn0u9eVIJ9u5oSAw2sGGCQR1HpTr/RbHUIb1ZYEjlvrY2s1xGiiUxkEY3Y7biQDkAmokrxaX9dvxKi7Su/66fl+hT8F/wDIh6D/ANg63/8ARa1t1V0vT4tJ0m0062Z2htIUgRpCCxVVAGcAc8VarWbTk2jOCaikwoooqSgooooAKKKKACiiigAooooAKKKKACiiigAooooAs/2fc/8APL/x4f40f2fc/wDPL/x4f41tUUAYv9n3P/PL/wAeH+NH9n3P/PL/AMeH+NbVFAGL/Z9z/wA8v/Hh/jR/Z9z/AM8v/Hh/jW1RQBi/2fc/88v/AB4f40f2fc/88v8Ax4f41tUUAYv9n3P/ADy/8eH+NH9n3P8Azy/8eH+NbVFAGL/Z9z/zy/8AHh/jR/Z9z/zy/wDHh/jW1RQBi/2fc/8APL/x4f40f2fc/wDPL/x4f41tUUAYv9n3P/PL/wAeH+NH9n3P/PL/AMeH+NbVFAGL/Z9z/wA8v/Hh/jR/Z9z/AM8v/Hh/jW1RQBi/2fc/88v/AB4f40f2fc/88v8Ax4f41tUUAYv9n3P/ADy/8eH+NH9n3P8Azy/8eH+NbVFAGL/Z9z/zy/8AHh/jR/Z9z/zy/wDHh/jW1RQBi/2fc/8APL/x4f40f2fc/wDPL/x4f41tUUAYv9n3P/PL/wAeH+NH9n3P/PL/AMeH+NbVFAGL/Z9z/wA8v/Hh/jR/Z9z/AM8v/Hh/jW1RQBi/2fc/88v/AB4f40f2fc/88v8Ax4f41tUUAYv9n3P/ADy/8eH+NH9n3P8Azy/8eH+NbVFAGL/Z9z/zy/8AHh/jR/Z9z/zy/wDHh/jW1RQBi/2fc/8APL/x4f40f2fc/wDPL/x4f41tUUAYv9n3P/PL/wAeH+NH9n3P/PL/AMeH+NbVFAGL/Z9z/wA8v/Hh/jR/Z9z/AM8v/Hh/jW1RQBi/2fc/88v/AB4f40f2fc/88v8Ax4f41tUUAYv9n3P/ADy/8eH+NH9n3P8Azy/8eH+NbVFAGL/Z9z/zy/8AHh/jR/Z9z/zy/wDHh/jW1RQBi/2fc/8APL/x4f40f2fc/wDPL/x4f41tUUAYv9n3P/PL/wAeH+NH9n3P/PL/AMeH+NbVFAGL/Z9z/wA8v/Hh/jR/Z9z/AM8v/Hh/jW1RQBi/2fc/88v/AB4f40f2fc/88v8Ax4f41tUUAYv9n3P/ADy/8eH+NH9n3P8Azy/8eH+NbVFAGL/Z9z/zy/8AHh/jRW1RQAUUU2WMTQvG5YK6lSUYqQD6Ecg+45oAdRXlN1p8mkXOs3Om3utXE9hr1jbWsM+uXToY3W2LIRJIVIJkfJYHg/QVsTePNUgvLmCbRGe/so5lls7O5M8LsGt8MGEHmEBZwSQuQA3yscULVf12T/UbTR31FconjOaXwTba5b6dDPPcXSWq20V6rR72nEORLt6ZOeVDDoQDkDCPxWuo1vZH8M3EsNmlwry263LR+dCG3gytbrEELIVD7yckZQcgOzvYXmekUVx7eMtUivDpM+iWy61JJGtvAmoFoHR0kcM0vlArgQyZARucYznIx9Q+IGuXqxQ6HpFvDLFcWiXclxe4Cs928DxLiJtwzEw3YHytnGRilu7fL7xX0uekUVz2va/qen6tbado+lW9/PNazXTGe9NuqLGyAgERuST5nHAHHJFY1r8Qr/VJkGj6FDLFczJb2r3N+YjJI1utx8wEbbVCM2TknIAAOcgWu39a2/MZ3VFcU/xBkjsxI+jkTy27/Z4ftIxNdJceQ8AbbwN7Jh+4bO0YxWTrXjLVrrwprcOj2rPPZ291Jc3Ut75TwKJpo0MeyP5m/dE4O3AAyxPNAHpdFcFD8SprjVLuCy8OajeWtubiKOe3trhjJJCHyCTCIgCyFQRKxyQCo5xp6P42F74T1TWdRs47c6YZBPDbXBm+6gfHzIjq2GxtdFIPsQSdL/MOtjqqK5JPGV9bXBt9Z0aK1ljntlnMF75yRQzlljk3FFyRIu1lxgZyGNZNx8Upka3W08O3d28luLx47eO4mYW7u6xMvlQON7rHu2uUAzjccHAHS56HRXEx/EC5jX7bqejJaaO0l3DHdC7LyF4C/DReWNoZYnIO4nIwR0rPm+JV7YzNaSaLcTapJKSbMGWZYFWGB3Aa3t3fhpgBlSCc5YAgUAejUVw5+JUcN1bxXukXNp50kZcTEo8EDxKwldGUEYldYivqc54IrXn8SXiaHo89vpiNqer7Fis5bnZHG5iMjB5QhICqrchSSccUdwOhorg/C2tal4j8fXtzdW/2azs7CONYU1GRgk3nSpJmIKEfLRMA5OQEUgDewGdpviTxbcaraSGztbufy9THkHUWihKRXUaqzERfeAyo+Q5HJIycHqH/AAPxPTaK4Gz+KH9pata2+n6DfXFrJ9nWeaOC4cwtMiOOUhaLaqyKWLSKQM4B4zvav4p/sttcH2Pzf7J09L3/AFu3zd3mfL0O3/VdeevTinZoNzoKK8pk8Xa9NY2Cai5t55dQlw1pcgq0ceoxRBW/dKc7WK9cFRlgS3y9BYeNb8yaQk1laNY3OlDUbm9m1DEltGI8l5UEIQAt8oIYZ+YhQFICWseb+v60YdbHbUV5nb/ETW9V8QadYW+lw2eLoC63SzqssLQTMpTzrZGJzETkDacKNxBbGjpvj+6n06yu/wCzPO08fZbe6u5bsCZZ5o42XEaxhWUGVAzZTqcKcUPTf+rgd3RXK+GfFt/rV1YpqOjxafHqOn/b7Ro7zzmKAoGVxsUKf3i4wWyM9OlYfi3xzq0Xh3U5NM02KKGZbu1sb03pWTzoVfexQRnYAI5Cp3EkqoIUHIGmv6+QLU9GornZ9Qu9B0PSLK2slutSuitvFBPqEjoHEbOxe4dWdgAjfMVLHjjnjj9J8davp+m3pnsJr+5iuG8xZblmhtw1zdAlnSFnCKIQu4gjlOEGTQ7K4lqrnqVFef8AhHxudX8RXdjGjyy3dwtyoluN0VvD9lgYrHIu5ZG3SZ2ocYJYkZGdbxH4yn0DxDZWH9liS1uPLDXc1wYV3O5QIhKFGYYyVZ0JBG0MeKHpa/Ue9zqqK4iz8f3baYl3q2lWmn/a9OF/Y5v2kWQEovlyERZRy0qABVkznjngx6V8QNT1sLZ6b4fj/tYSSrLb3VzNbRIkaxktukgEmT5yAAxDvzjBLs72/rsB3dFcMPiLcN4kTS18N35EUsMF6yQzStbyyKjY3RxNCVUOCxMqnGSAeM3/ABN42HhrUGt59OedTHFLEyS4LqXbzjgjjy40L9Tkccd0tbeYd/I6qivNpvG2s33iywtNMt0itJpisokulw0WLsK6YiJyRAH+92VRgFmLNK8bavZ+HdBh1exKPd2lpLDdR3wllnUyQxuZQ0RCk+aDwWJBPzKeaP6/P/ID0yiuV8M+Lb/WrqxTUdHhsI9R0/7faNHe+cxUFAyuNihT+8XGC2Rnp0rnNN8SeLbjVbSQ2drdz+XqY8g6i0UJSK6jVWYiL7wGVHyHI5JGThvR2fn+F/8AINz02iuBs/ih/aWrWtvp+g31xayfZ1nmjguHMLTIjjlIWi2qsili0ikDOAeM6Wv6euseN9MsLm71CG2/s+5mKWWoT2u5xJCASYnUtgM3XI5os729fwVw0OsorzWT4h3fh7RUWaBdYe1mukuH3zeeIIp3jSQrFA68hCNzmNSVPPUieDx1rNj4WS7v7OzvNRlv7uOK2jnndnhilZdwWG2djt4U/JjGCWBOKWlrjs726nodFed+HvGuoXF1dag9g0mjXmoW0ayy3h822M8EGxVi2kFQzjd8y43EgHmpF+JtzJc38Ntof20RwGeyltGuXjuUEqIW3G2XKgSBiYvN4DdeMtq2/wDWlxLU9Aorzg/Fh3W3Wy0Ga/n8nz7qOwM90EXzJIwI2hgcMxMTcSeVjocEMB6MrbkDAEAjOCMH8qLMOthaKKKQBRRRQAUUUUAFFFFABRRRQAUUUUAZ0mg6bK9w0ltk3N1FeSnzG+aaMIEbrxjy04HBxyOTVW88HaFqFxcz3diXlusmVxPIpJPlnIIYbSDDEQVwQVBGDmtuigLszIfDumQaVDpyW7G2hmW4USTO7mRX8wOzklmbcMksTnvmsvWPAOj6pbamIo3t7jUIpVLmWR4o3kUq0ghLbA5BOWABOTk8munooAwE8EaEtjJbG3uG82RZWna+nadWUEKVmL+YmASAFYABiB1NOPgzQfsMlolk0cUkcUbGK4kR/wB05dGDhgwYOzNuB3EnJJrdooDY5/W/CFnr+s2l7fzXAjtraWDyoJ5YGbeyHJkjdTjCYKnIOeelTy+EtElspbUWZhikmWf/AEeZ4WjkVBGrIyMDGQihflI4+prZoo6W/re/5gZI8L6MsOmRCxXZpUvnWfzNmN8EFic5YncSS2cnk881TvfAXhzUE2XNlLtIkV1iu5oxKJHLsrhXG8bmYgNkAk4xXRUUAYT+DNBkvLm4lsTIbkP5sLzyNCS6lXYRFtisykgsFBOTk8mrOneHNL0zTbixtrd5ILnPni6nkuGlBXbhnkZmI2gDBOAOBWpRR0sBhw+DdDh0i+0wWkkttfpsufPupZXdcYC+Y7FwAOgBAXtinX/hHRdSkt3urRswRCBRFPJErxDpG4RgJE/2XyOTxzW1RR1uHSxkz+GNHutJGmXFkslmLn7UIi7f63zDJuznP3yTjpg4xjio77wjouoTPNPbzJPJOZ2mt7qWGTeUVDh0YMAVRQVBwcDIraoo/r+vuQGLc+D9Au45Un0yJklsksHUEgeQhLKgAPABJPHNXNV0ey1mzW1v43aNHDxtFK8LxsOjI6EMpwSMgg4Jq9RQ9dwM7S9A0zRmLaZaiAtCkLEOzblQsRnJOTl3JbqSxJJqKz8M6Tp97Jd2tu6zSGYktcSOq+aytIFUsQoLKDgADOSOpzrUUb7gYMPgrQbe6triCzeNrZIkRFuZRG3lgCMvHu2yMoAwzAkYHPFSax4R0bXro3Op28zyND9nk8q7mhWWPJO11RgHALEjcDjJxitqindgYP8AwhOgecZTZOzec0wDXMpVHaRJW2gthQXjVsDAznjk5iTwD4ejuGlS2uVD2y2kkI1C48mSFUMao8W/Y4Ckj5geuevNdHRS2Vg63Obt/AHh62mE0cF404kjkE0upXMkmYwwUb2kLbcSONucENggipo/BPh+G5tp4rFlNqiJHGLiXyzsXajNHu2uygAB2BYYGDxW9RRvuBQtND0+xeya1t/LNjam0tzvY7Ijt+Xk8/cXk5PHXrVCfwToFzdXVxPZM7XayLKhuJfLHmDDsse7ajMMgsoDHJyeTW9RR1uBQ1bRbHW7JbXUI5GjR1kjaGd4ZI2HRlkQhlPUZBHBI6E1lD4f+G0tfIispogGV1kivJ0lRg0jBlkVw6nM0nIIJDkHjiukooAxrfwlodpHElrYiEQ3KXURSRwUkWMRhgc5HyAKR0IzkHJyuqeFdJ1jUEv72B2uY0VAyzyIrhWLKHRWCyBWJIDA4JyMVsUUPXcFocppPw60PTtBTTriOa8b7NFbyTSXM2QEwQYsufJG5Q2IyuCAeoBqceAPDy2xhWC8VjM05uF1K5FwXZVVj5wk8zlVUEbsHAzXSUU22w2MKLwXoEF5Bc29h5LW6xqkUU8iQny8eWWiDbHZcDDMpIwMHir19omnalewXd9arNPbxSwxsxPypKAHGOhyFFX6KW+4bO5hf8IZoObUpZNE1mkKQNFcSoUWIMqLlWGRiRwQfvBiGzUknhLRJobGKSyymnxLDbDzX/dorIyjrz80SHnPT3NbNFHmGxQtND0+xeya1t/LNjam0tzvY7Ijt+Xk8/cXk5PHXrUFn4Z0nT72S7tbd1mkMxJa4kdV81laQKpYhQWUHAAGckdTnWooeu/9XAwYfBWg291bXEFm8bWyRIiLcyiNvLAEZePdtkZQBhmBIwOeKn1nwxpmvXMFxf8A2xJrdHjjktL+e1baxBZSYnXcCVXg56Vr0UAc7f8AgLw5qUUcVxYyJFHbi18u2u5oFeIEkI6xuocAkkbs4JJ70s/gXQLhcPb3SfvpZgYdQuIyplIMigq4IRiASg+UnnGa6GigLnOWPgHw5pt5Fc2dlKjRGNliN5M0W5EWNGMRcoWVUUBiCRjOc81HH8OvDMYkC2U5VovJVWv7hhCm9XCxAv8AugGRSNm3aVGMV09FO7DY55vAnh544Vazm/dKyE/bJg06sxZlmO/MwLEkiTcCSfWt2K3SGSV0MhMzBmDSMwB2hflBOFGAOBgZyepJqSikAUUUUAFFFFABRRRQAUUUUAFFFFABRRWXq+oXNnPBHbGFRIjuzSoWxtK+hH96gDUorg4PiVpFzcx29t4p8OTTyuEjijuEZnYnAAAlyST2rc/tXU/+elp/34b/AOLoA6Ciuf8A7V1P/npaf9+G/wDi6r2viOe+Mwsr7Tbk28phm8lC/lyDqjYk4YZ6HmgDqKK42Xxvbw6sulza5oseoMQFtHcCUk9Bs8zPP0rS/tXU/wDnpaf9+G/+LoA6Ciuf/tXU/wDnpaf9+G/+Lo/tXU/+elp/34b/AOLoA6Ciuf8A7V1P/npaf9+G/wDi6xZfiNpcF49pP4n8PR3KP5bQPOodXzjaVMuQc8YoA7qiuf8A7V1L/npaf9+G/wDi6P7V1P8A56Wn/fhv/i6AOgorn/7V1P8A56Wn/fhv/i6P7V1P/npaf9+G/wDi6AOgorn/AO1dT/56Wn/fhv8A4uq7+I5476KykvtOS7mUvHAyESOo6kL5mSB3NAHUUVz/APaup/8APS0/78N/8XR/aup/89LT/vw3/wAXQB0FFc//AGrqf/PS0/78N/8AF0f2rqf/AD0tP+/Df/F0AdBRXP8A9q6n/wA9LT/vw3/xdH9q6n/z0tP+/Df/ABdAHQUVz/8Aaup/89LT/vw3/wAXR/aup/8APS0/78N/8XQB0FFc/wD2rqf/AD0tP+/Df/F0f2rqf/PS0/78N/8AF0AdBRXP/wBq6n/z0tP+/Df/ABdH9q6n/wA9LT/vw3/xdAHQUVz/APaup/8APS0/78N/8XR/aup/89LT/vw3/wAXQB0FFc//AGrqf/PS0/78N/8AF0f2rqf/AD0tP+/Df/F0AdBRXP8A9q6n/wA9LT/vw3/xdH9q6n/z0tP+/Df/ABdAHQUVz/8Aaup/89LT/vw3/wAXUlrqGp3N8tv5touY2k3fZ2PQqMY3/wC1+lAG5RVPytT/AOfu0/8AAVv/AI5R5Wp/8/dp/wCArf8AxygC5RVPytT/AOfu0/8AAVv/AI5R5Wp/8/dp/wCArf8AxygC5RVPytT/AOfu0/8AAVv/AI5R5Wp/8/dp/wCArf8AxygC5RVCX7fDC8s19ZRxopZ3e2YBQOSSfM4FV9N1B9ZslvNI1rS7+1YkLPax+ahI6gMspFAGvRXOw+JrG4s7y7g8T6HJbWB23cyYKQH0c+bhfxqzFqfnaP8A2tFrelPp3lmX7YI/3QQdW3+bjAwcnPagdmbNFZB1Bg1op1rSw16pe1Hl8zqF3Ep+9+YBecjtzUGk69ba8ZRoXiTRdSMOPMFnibZnpnbKcUC8zeoqn5Wp/wDP3af+Arf/AByjytT/AOfu0/8AAVv/AI5QBcoqn5Wp/wDP3af+Arf/AByjytT/AOfu0/8AAVv/AI5QBcoqn5Wp/wDP3af+Arf/AByjytT/AOfu0/8AAVv/AI5QBcorOnk1C1WOSSe2kQyxoyrbspIZwvB3n19K0aACiiigArE1z/kI2f8A1yl/nHW3WD4glWK+smYMR5Uo+VC3ePsKAPLBc3Vn8U/G9zp0P2i7h0W3kghwT5jhXKrgdcnArzfxV4t1rXfA01r/AG++tQT6VFd6ki2sSf2fOJ0HlkqgwOSNp+b5M5wa+ivtkX92b/vw/wDhR9si/uzf9+H/AMKUVa39dW/1/Arm1v8A10/y/E8f8c/EK+0gXEGheIJIZLHToJo5rqe2WO/LjIaJPs7GYkddrIo7YroPg1cve6d4mupQoefX7iRgo4BKITj869A+2Rf3Zv8Avw/+FH2yL+7N/wB+H/wqk7X8/wDO5PRJdP8AKx5Bqd/peha1fx6Fc2GvSahrivd+H9SsibpZiRl4i2DhQMglSoHRvWn4X+I+u3EOiXUmvza5dXLXf9p6TBawl7eKMMVkXYgZTwuAxIYtgV7X9siP8M3/AH4f/CqGiWGleHdJi0zRrWa2s4SxSPy5XxuYseWyepPepirK39f1/Vyrrf8Arr/meLP8U/FKSs+h6gmrefpclylq7w3M1swZeXEMMW1lUsShL9Oa29Z8capY6I8vhvxmuvq0tst1dPp6Kuno5O6QzRxmMDgDayMy5zzXrv2yL+7N/wB+H/wo+2Rf3Zv+/D/4U/6/r+v+BP8AX5HJfDfWdU1iz1JtT1ez1eKG52W9zakvxjlTIIYkkxxyi455rzu5g1uXwR8SW06ayawXW7s3NtLbMZmQbC5STftU7egKHkdfT3H7ZF/dm/78P/hR9si/uzf9+H/wpNX+635f5DTt99/z/wAzxKw8c+In1UWthrdnYQQXkFvYadeAmS5tdq7G8tbd5H3rzvEgAOeAKgf4l+LbeTV1s9VGsXUdvO0UFtYqyW+2QDc6lEliKKTw6uGIzmvdPtkX92b/AL8P/hR9si/uzf8Afh/8Kb1EtPw/A8Qbxx4sknsray8XWd1BealZWrXFmiXMkHm7gw3m2ji5xnbgsuOeM1u32ueNdO+Kdp4Nt9Tlura8kivE1CeCHzEtlVvOjIWMKSSMBsAjj1r1L7ZF/dm/78P/AIUfbIv7s3/fh/8ACj+v6+f+QunyPFNL+IPjO4uxK+pWL34luhL4fdWaUbAxVBGlvvjxgfM8pBz2qbwfrb678TvCt3deITrF6+jTvdReXEn2ORsZjwigjHTDZPGe9ey/bIv7s3/fh/8ACj7ZF/dm/wC/D/4UR0d/62a/Uctb/wBdbk9FQfbIv7s3/fh/8KPtkX92b/vw/wDhQBPRUH2yL+7N/wB+H/wo+2Rf3Zv+/D/4UAT0VB9si/uzf9+H/wAKPtkX92b/AL8P/hQBPRUH2yL+7N/34f8Awo+2Rf3Zv+/D/wCFAE9FQfbIv7s3/fh/8KPtkX92b/vw/wDhQBPRUH2yL+7N/wB+H/wo+2Rf3Zv+/D/4UAT0VB9si/uzf9+H/wAKPtkX92b/AL8P/hQBPRUH2yL+7N/34f8Awo+2Rf3Zv+/D/wCFAE9FQfbIv7s3/fh/8KPtkX92b/vw/wDhQBPVjSv+Q4n/AF7Sf+hR1Q+2Rf3Zv+/D/wCFT6bfRJrCOUnI+zyDi3kJ+8nYDPagDqKKp/2pb/8APO7/APAOX/4mj+1Lf/nnd/8AgHL/APE0AXKKp/2pb/8APO7/APAOX/4mj+1Lf/nnd/8AgHL/APE0AXKKp/2pb/8APO7/APAOX/4mj+1Lf/nnd/8AgHL/APE0AVfFVrbXvhLU7e/me3tpLZxJKkZkMYxndtAO4DuMciuT8Kak9+viS4j1bT74X0qwWd3ZRiGG7uFt/mMQLvuIAAJDN/q2/u4Hbf2pb/8APO7/APAOX/4mj+1Lf/nnd/8AgHL/APE0mrpp9Rp2afY8pTU9MuI9GvLK6gbTtLstMj1N1lUrbFZxhZDnClCGLA4wOtb88sV18LPF93aSJLZXL30ttIjBkkQ5yykcEFgxBHXNdr/aNqAQIbrDcn/Qpef/AB2lGp2ygARXQA4AFnLx/wCO1V9/O/4tP9BJJNeVvwTX6nmkOm3kPi3RRqFq0UWk3M+n2EjJgPEbeeTKk9V2eQufVGHaovhVqP2+68NoNY0zVvsvh4xGPTk2tYcwfu7g+Y+5ztwPuco3ynJ2+o/2pb/887v/AMA5f/iaP7Ut/wDnnd/+Acv/AMTRF2f9ef8AmHQuUVT/ALUt/wDnnd/+Acv/AMTR/alv/wA87v8A8A5f/iaQFyiqf9qW/wDzzu//AADl/wDiaP7Ut/8Annd/+Acv/wATQBcoqn/alv8A887v/wAA5f8A4mj+1Lf/AJ53f/gHL/8AE0AGqf8AHmn/AF8wf+jUq5WVf38M0EUaJcBjcwYL20iD/Wr3KgVq0AFFFFABWHrpxf2h/wCmMv8AOOtysPXRnULQf9Mpf5x0pXtoB49p3xF8SjwRpni/U49Ln025vPs9za29vJFLCpmMQdXMjB+QDt2jr1rqfEHxG0Xw/a3RuReLdRRymCGewuIVuHRSxRZGj2nOOozxzWLp/wALbyHw3p3hzUvEEdzotldfaTBBYGKW4PmGQK7mVht3HoFB4HNZl18EXvHQT69bvslnkN02mZu5vNVlxJN5nzbQ3ACgcdKcuqX9bf8ABK05m/63f/AOysfHWnz+FdN1u8tdQt4762E5SLT7icRcZbcUj4A7MQAw5HFXNR8RQjwLeeItEliuo0sJLu2cglH2oWGRwcccjg/SuSvPhVdXun6TbTa3Z3H9m6adPEd3pfnQEdFmWIy/LKFAG4lh6AdK6LT/AAf9h+Gf/CI/bvM/0CSz+1+Tj7ykbtm7tnpn8aJ6qXL8vx/4AoaSjf5/h/wTmtF+JEtxY6Ld3viLwzdyak8EUmnW0csc1u8o6ErJLyDxhkQE9WWrnhb4n2V74R07UPEkqw6heLPKbawtJpsRxyMhfYgdlXAGWPGc1oXngP7X4X8MaP8A2ls/sC5tZ/O8jPn+QuMY3fLn1yce9c3B8FIrS103ytTsrm6sraa2ZtR0lLmF0eVpAwiZ/ldS55yc+lOVtbd9PT/hxL4VffT9b/odW3xJ8JC6t4BrCO1wImR0hkaMeacR7pAu1M+jEU/x34hv/DXh+K80u2SZ5LqOGSaWN5I7WNj80zquCVUehHXrXOT/AAmme+s5rXX47MWyRL5lrpcVvOu05cJJCU2q391lYDJxXba1Zane2sQ0XVv7LuI5Q5drZZ0kXujKSDg+qsp96TWmnf8AAFv8vxObsPH9nZwxDxBrGl37Xs7pp82hQT3AuFQAsDGgkKMMjI3GtYeONCfR7fVbee6urG4RnSe00+4nVQvDb9iHZj0bHQ1w1z8NNesvH2ka5pN7by3ct5dXN/em0CwW+6JUQLB5oYg4IyGJyck1Zf4NkW1uia3DcusU4nXUdOFxC80r7mnSLeoRxnA+9gY/Fa8vmVZX/ruzqJviT4Thjjf+1hKj263Je3t5ZhFE3RpCinyx/v4qR/iD4XS9+zf2oG/fJAZ44JHgWRwCqmYKYwSCOC1c7oHwv1LwpG//AAjnihbaW5tYre7kl04SljGCFeMF8IcHGG3jv7Ug+EcUeuXN7Hf2M0V3eC8ma90aC4ud3BdVlb5VViM42cZOMVWnN5f8H/L/AIboRry+f/A/zNn4ieKrzwnpemXFjJZQm81OGzlnvkLRwxuGy5AdemM8kDGaytJ+JUcetanb6zqemahptrHCYtU0qF/LeWQ4EAQPIWfuApJx2rpPFfhj/hJ00lftf2X+zdTh1D/Vb/M8vPydRjOevOPSuc8U/Ce28SeILvU49QS0Fz9nla3a0WWN54SdskgLAOCjFSvGfXtUq/4/hZf8H/hina3y/G/+X9XNmT4k+FYYPMk1GRW85oDAbOfz1dV3MDDs3jC85K4pZviT4UhiWX+1TLEYEuGkgtpZUijf7rSMikR5/wBvFc9cfCZ59O8ldQ0iGQ3BmZYfD0EcONuFChSJFYHkOJM9ulV/+FM7J2uBrUF9c3FvFDc3GsaVHfSFk43xmRsISOMEMOB1xR/X4f5/11F/X4/5f10Omb4m+E1a5/4mMzR2s4t57hLC4aGKQnABlCbByRznHNWJPH/hpGlQag0skd41iYoLWWV2mUZZFVVJfA6lQQPWsux+GttaeEvEegTXomg1u5mnDC3CfZ96qFAUHB2lQeNo9hWWnwZsbfw1oOnW95byXOjyyy+beWCzwXRk+/5kJYZ6Lj5uNop/8D/g/cH/AAf+B95v3fxJ8Nx6WlzZ6gbmWeKZ4IYbWaV/3f3t6KpZAD13AYq/4J1y58SeCdL1i+SKO4vIBJIsIIQHJ6Akn9a5aD4V3Wn3Ed7o+uWlnftZTWVwyaPGkLxyNu+SKNkCkHuSxOBnNdf4T0H/AIRjwnp+i/aftX2KIR+d5ezfz125OOvqaFs7+X6/8ATvdfP9P+Ca9FFFAwooooAKKKKACiiigAooooAKKKKACiiigAqxpX/IcT/r2k/9CjqvVjSv+Q4n/XtJ/wChR0AdBRRRQAUUUUAFFFFAFHW7y50/Qb+8sLb7Xc29u8kUGT+8YKSF455PpWL4Y8SXWo6RqV3qE9jfRWTny77TkZIbhfLVztVmYgqSVPzEZHY5A2dc0tdb0G90x5mgF1C0XmKASuR1weD9D16Vm6X4e1C2N7Lqeo2t3PqMgN35Nk0MZjEWwKiGRirdCWJbIGMDjCd7O3YpW0uc9H4t8RxQW1vdvpzX2rQ2s1k6WrhLbzpNrK6+YfM2Ag5BTd6CtV/Eep23gTW7+b7LJqmkfaIywiZYZXjBKts3EgEFSRu9eaqReBNS+yobrWreW9soreHTZ1smVYlhfeDIvmEuWwAxUpkDgCtVfCssvg7U9Iu75Hu9UE7XF1HAVQPLnlULE4AwACxOB1q3bX5/mrfhcnW6v5flr+NjHj8c6jPq/huzhgtCLyGX+1DhswzKkmFTnpvhlHOeF/Govh947u/FE1nHc6lo2pNc6d9snXSoyh098oPJlzLJkne2Pun923HpsjwPZw6wNRtLiSORr1ruVXAYEtC8exem1cyM/flm9eK/hXwbqGhy6YdU1e1v00nTzYWYtrA252HZkyEyvuP7pem0deDxgja+v9b/APADodfRRRUgFFFFABRRRQBT1T/jzT/r5g/9GpVyqeqf8eaf9fMH/o1KuUAFFFFABWD4hjWS+sw5cARSn5GKnqnpzW9WJrn/ACEbP/rlL/OOgDiLXxh4evdXOl28msNert3wtYXymMMcKz5QbVP944HvXR/Y4v703/f9/wDGvPNSsdWi8Z+O72xtb1DNoUaWc8MbjfKEfAjYdWBxwOc4rnr201+x0PRoRF4l8+50gXF1ftc6ldOLraP3PkxTL5bZOcthR0wcGpv7t/66/wCRXLrb+un+Z7J9ji/vTf8Af9/8aPscX96b/v8Av/jXhekWPji/8P8AiK/1WfxVFqNnplq2nRCW4iDzeX8+IxgO2VGRg8k55NX4bnxnb+MluxbeKNSZpCz2kgktYAPJ6BsvAyZ6cRyBj7VT0did1f8ArZP9T2X7HF/em/7/AL/41Xu30+wEJvr37MJ5Vhi867ZPMkboi5blj2A5rw97j4hPKz+HY9dhmuNLkaW3mgvfLt5dynYHuncNIF3YZNue2au+I9LbUV0eTTbbx1c2lrqdnLdi/Fyyoo3b3RW/f7wOpX5R2wTTWrS8/wBbB3/rpf8AX8z2O1fT74zCyvftJt5TDN5N2z+XIOqNhuGGeh5qx9ji/vTf9/3/AMa8fk/4Sz+1pf7T/wCEk/sL/hJLz7R9k8/z/s/lr5GzZ+88rdu+5xUGgaX4y1XV4o/EFx4mgsotFnktyLmaBmcTMIRKUIzLsIJB5OBmpvpfy/S5Vtf672PYbtbSxspru6lmjggjaSR/OkO1VGScA5PApmmy2Gr6Zbahp8801rdRrLDJ5si7lIyDgkEfjXN6V/bF98FwusRXT6vLpMqSxzRETM+xgAVxnceO2TXJyajqy/C3w5o+lWniG2u7U2qaolvptzDMtuvEojcoAWzj7pyRnHem9JNen43IWsU/X9D1n7HF/em/7/v/AI0fY4v703/f9/8AGvHoj4q+22wuh4n/AOES/tiY5H2j7f5Hl/Ju2/v/AC9+7/axjPaut+Emo3GpeB57m4uLy8H9oXKwtdSu8hjD4Vcuc8Djk0LVfK/5f5jej/rz/wAjSs/GPhe/1KKxtdTuHlnleGFyLhYppE+8qSkBGI9AxrovscX96b/v+/8AjXjOpT6roOiyweBbfxFpliILyS90/UrMxxWKiN23xT4+9u5UJIwOc8VDouo+JhpEGoaDa+JNYgbw+Hv4r6e5VZrliMGB3O7OCxzEcEAY5NC2/rs/w03Ktr/Xe36ntn2OL+9N/wB/3/xo+xxf3pv+/wC/+NeGB/HK319FYSeIpdILWj3LLbXkUgi3HzhB9od5d2CPusCewrW1pdeY2I8PS+L4tC+3P9re+huJZR+7GzYqOl0Y92c5Yc4xkcUE9f67XPXfscQ/im/7/v8A41ytt498JXcNvPFqF+La5lEMV1LbXkcDOTt2+ayhOoI69as/D6PUo/B8a6vc6hdS+bJ5b6lbGCby8/KCpd29cFjuxjIrzGx8KeIIPhDorXC6rcRW+prLd+HpLQDfF9pb7oVBLnkPyxHtijr934h9lvr/AMB/5Ht/2OL+9N/3/f8Axo+xxf3pv+/7/wCNeL6ND44bUI31K/8AEkeqCa5NzDDp8rwlcNtxJJOtvjGNuxQc8e9Z0H/CfLpFxBYnxRJCXtWuru6S4WXy9xDhIXPmeZ0LeTLtI4GOtJa/1/Wg2rHvP2OL+9N/3/f/ABo+xxf3pv8Av+/+NeN6Xpnie98WaLa3Go+KpdDkvLozs8V1YhVESlQWaZ5dhYceYQc5A61ZttK8fReOtV021vdTOlaVFc3emTzyyMLqSWMCKF5HYiQIxzg5xg560dL+V/uD+vxaPW/scX96b/v+/wDjVCK/0qbXp9Gjupm1C3hWeWHzJflRjgHd0PI6A5rxu1i8fpoNxJpl74jfVP7MIuLe5sJ1QSbhu2yTzMDIBu2mFAD6Cuq8A2Lp8S9Xvbe015LGTTLeNbjWY7gO8gOWAabk/Tp1xxTW9v66/wCRL0V/66f5npP2OL+9N/3/AH/xo+xxf3pv+/7/AONT0UDIPscX96b/AL/v/jR9ji/vTf8Af9/8anooAg+xxf3pv+/7/wCNH2OL+9N/3/f/ABqeigCD7HF/em/7/v8A40fY4v703/f9/wDGp6KAIPscX96b/v8Av/jR9ji/vTf9/wB/8anooAg+xxf3pv8Av+/+NT6bYxPrCIXnA+zyHi4kB+8ncHPeirGlf8hxP+vaT/0KOgDU/su3/wCel3/4GS//ABVH9l2//PS7/wDAyX/4qrlFAFP+y7f/AJ6Xf/gZL/8AFUf2Xb/89Lv/AMDJf/iquUUAU/7Lt/8Anpd/+Bkv/wAVR/Zdv/z0u/8AwMl/+Kq5RQBQmsbK2gknuLi4iijUu8j30qqigZJJLcADvVPSJ9F17S11LR9Qmu7J2dVuI72bYxRirYO7kZU8jg9RxW3XKaHbzw+F76ynhuIJ7zUdRWHML8b55mViQPlUrghjgHIweRlSbUW0Uknb1/zGQeJvDNxY3N3Hd6oIrcI2HF4rzLI22NokPzShjwCgOT0q6moaI/hybXDdXyWFujvM0ktyrxbM7w0ZO8MCD8uM+1cQn2i7TS9Qi0vUI4dDtbGK9iaxlVi6SguqIVBk8sDdlAwOeK3JLa5vfhr4okt7S53ak15Na27QOsrKwwv7sgMC2N2CAfm6VbW/z/Bq337/ACJ6q67fitfu/U2Dq/h0XGkwnUrnzdYhaexX7TcZmRUDs3X5cKQecenWmaFrfh7xIyjSrrU2LxCeP7QLy382Pj5083bvXkcrkcj1Fc3D4a1a08UWE11bO9rZ3ksFkyDdst2guH3HH3BulSPBx/qh6iq3wytL6O60IXB1uf7Foht7hdV002qWMhMOIoWMUfmA7GyT5hwi/MP4iNm/68/+AHQ9I/su3/56Xf8A4GS//FUf2Xb/APPS7/8AAyX/AOKq5RUgU/7Lt/8Anpd/+Bkv/wAVR/Zdv/z0u/8AwMl/+Kq5RQBT/su3/wCel3/4GS//ABVH9l2//PS7/wDAyX/4qrlFAGVf2EMMEUiPcFhcwYD3Mjj/AFq9ixFatU9U/wCPNP8Ar5g/9GpVygAooooAKy9WsLm7uLeW18o+Wjqwkcr94qeMA/3a1KKAOf8A7K1P/nnaf9/2/wDiKP7K1P8A552n/f8Ab/4iugooA5/+ytT/AOedp/3/AG/+Io/srU/+edp/3/b/AOIroKKAOf8A7K1P/nnaf9/2/wDiKP7K1P8A552n/f8Ab/4iugooA5/+ytT/AOedp/3/AG/+Io/srU/+edp/3/b/AOIroKKAOf8A7K1P/nnaf9/2/wDiKP7K1P8A552n/f8Ab/4iugooA5LU/CI1qJItZ0nSdQjjO5Euv3oU+oDRnFT2ugXVjax2tlaafbW8Q2xxQyFEQegATArpqKAObn0O9ureSC5trGaGVSkkckrMrqRgggpggjtRb6FeWltHb2ttYwQRKEjijlKqigYAACYAA7V0lFAHP/2Vqf8AzztP+/7f/EUf2Vqf/PO0/wC/7f8AxFdBRQBz/wDZWp/887T/AL/t/wDEUf2Vqf8AzztP+/7f/EV0FFAHP/2Vqf8AzztP+/7f/EUf2Vqf/PO0/wC/7f8AxFdBRQBz/wDZWp/887T/AL/t/wDEUf2Vqf8AzztP+/7f/EV0FFAHP/2Vqf8AzztP+/7f/EUf2Vqf/PO0/wC/7f8AxFdBRQBz/wDZWp/887T/AL/t/wDEUf2Vqf8AzztP+/7f/EV0FFAHP/2Vqf8AzztP+/7f/EUf2Vqf/PO0/wC/7f8AxFdBRQBz/wDZWp/887T/AL/t/wDEUf2Vqf8AzztP+/7f/EV0FFAHP/2Vqf8AzztP+/7f/EUf2Vqf/PO0/wC/7f8AxFdBRQBz/wDZWp/887T/AL/t/wDEUf2Vqf8AzztP+/7f/EV0FFAHP/2Vqf8AzztP+/7f/EVJa6fqdtfLceVaNiNo9v2hh1KnOdn+z+tblFAFPzdT/wCfS0/8Cm/+N0ebqf8Az6Wn/gU3/wAbq5RQBT83U/8An0tP/Apv/jdHm6n/AM+lp/4FN/8AG6uUUAU/N1P/AJ9LT/wKb/43R5up/wDPpaf+BTf/ABurlFAFPzdT/wCfS0/8Cm/+N0ebqf8Az6Wn/gU3/wAbq5RQBT83U/8An0tP/Apv/jdHm6n/AM+lp/4FN/8AG6uUUAU/N1P/AJ9LT/wKb/43R5up/wDPpaf+BTf/ABurlFAFPzdT/wCfS0/8Cm/+N0ebqf8Az6Wn/gU3/wAbq5RQBT83U/8An0tP/Apv/jdHm6n/AM+lp/4FN/8AG6uUUAU/N1P/AJ9LT/wKb/43R5up/wDPpaf+BTf/ABurlFAGbdLqNxHGj2tuFE8TsUuCxAWRWPBQdh61pUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUE4Ga4PR/i3pWrQaXePpGr2Gm6tcta2mo3UcPktKGKhG2SsyEspALKAT3o3dg2VzvKKRmCKWbgAZNUdD1zTvEmjQatotx9psrgExS7GTdgkHhgCOQeooAv0Vg+LfF1r4Qs7Ge7s7y9a/vo7C3hsxGXaWTO0fO6qBxjJNSRa9etZrcXHhjVbb97seOWS1LRpjJlO2cjb2wCWz/DjmjpcdmbVFY/hPxNZ+MfC1lr2mRTxWt4paNLhQrjDFeQCR1HrWxTaadmSmmroKK5HUviFbWWualpdhoetazNpSRPfPp0EbiDzBlV2s6s7Y5witx78V1cMqzwJKgcLIoYB0KMARnlSAQfYjIpdLj2dh9FFFABRWLqnimy0jxPomhXMVw11rZmFu8aqUTyk3tvJII46YB/Cjw54psvE7asthFcRnStQl06fzlUbpI8ZK4JyvzDBOD7Ub/18htW/r1/yZtUUUUCCio7i4itbaW4uZFjhiQvI7HAVQMkn8K4SL4xaFJcaJFJp+rQf22oktWlgQZjLEK+A5ZgcZ+QMVBBcKDRfWwbK539FcvP8QtEi0nTdWi+03Gl6jeLZpfJCUjjZm2qzb9pKFuA6hh+HNdRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFACHlT9K8Q0HwZ4tm8B+GPBt9oEunLYat9uvtQnuYHjEaTvKqxrHIzMzZA5UAc/WvcKKFo/u/DVDbvHl/rZr9Twu38AeJp/iZZ6peeHIbeJdTvGu57aGwhtpLV0ZU+5+/kLZywkz16VmQ/DjxNH4E0PRZfBcQ+yxXou2ig02W4eZsGJleZmURnIBIw/7vthTX0PRU8q5eX+trBf3rnkup+CPEGpfC3wDotxaTNe6ZqNjJqKreBHhijDB2EiuDkZGCjZ9K0fHnge+u7fwvb+HILq8jsNbS8uWu9QeZ449jAtvncsRkj5QT7CvSaKuT5r+bv+X+Qlokuyt+f+Z80Wfwh8XJo+nW+u6Le38UekNbQ2tneWKtZT+czHLzK4QMCD5kWXGMV1PgH4e+IPDnxGsr+TQ544FN0L7UNQv4bmRy3R45ovLkl3nBKzxHbjIIJr26inze9zev4/8OTyq1v60PLfHPh3VL/VtWutD8IX0GtyW6xWGv6RrKW3mdP+Phd8ZIUqOCsoIGAR28m8OeC/E+s6VfTaDolnfa/Za/fm+1e7MIgvAIyrW5QncwdiTtKhOeTycfVdFQlbT+t7/wBdynr/AF5WPm20+Fvi+LxRHeyeHZ5dASWzlv8ARZTp8A1BkDByIoGWHCschXxuHUkirWqfC3Xr3UGlbwlew6TJYNFY6VZ6vaStp0nm5IL3KsIg2d26DJXGBmvoiin/AMH8RW/r0OB8T+HtYGueCddsrKbVZdAMyXdtHcx+dIJYNhZWk2KxDAE5K5z07V5prHws8SX9td39z4anurzUL/UL6O1W8tJI7YzGMLHNHIQDuVP9ZDKHTORzivomih6v7/xKTaSXb9L/AOZ87+I/h/451C7S6Gh2tjqFvNYvBqNgLNYoUjjXzXknkb7U7KwxjdghepriYPC2p+Jb6x0jwda2v9o2Wjv/AGvc2OoW066oTcAsGmRmALjkebgn7pG0Zr6+oo63+f4WFZWt/W55No/gXUrT4b+NdKtNOvtNbVYpRZ215c2pJYw7dwjtkWKIE4GAWzjJx30bGO+8bfB3QrHwzc29rb3NrDbajI0zJLDGihZYlCqcOSpQ5I25J5PFekUUPW9/L8P61Ela3z/E8P8AFs3iu++GN14X8R6Np+lXeoXtpYaJb2UgJYCRCcKHf5EVc78qcdUXv7eg2ooPJAxmlop3drP+tF/kPsFFFFIAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAraj/wAgu7/64v8A+gmj+zrH/nzt/wDv0v8AhRqP/ILu/wDri/8A6Cas0AVv7Osf+fO3/wC/S/4Uf2dY/wDPnb/9+l/wqzRQBW/s6x/587f/AL9L/hR/Z1j/AM+dv/36X/CrNFAFb+zrH/nzt/8Av0v+FH9nWP8Az52//fpf8Ks0UAVv7Osf+fO3/wC/S/4Uf2dY/wDPnb/9+l/wqzRQBW/s6x/587f/AL9L/hR/Z1j/AM+dv/36X/CrNFAFb+zrH/nzt/8Av0v+FH9nWP8Az52//fpf8Ks0UAVv7Osf+fO3/wC/S/4Uf2dY/wDPnb/9+l/wqzRQBW/s6x/587f/AL9L/hR/Z1j/AM+dv/36X/CrNFAFb+zrH/nzt/8Av0v+FH9nWP8Az52//fpf8Ks0UAVv7Osf+fO3/wC/S/4Uf2dY/wDPnb/9+l/wqzRQBW/s6x/587f/AL9L/hR/Z1j/AM+dv/36X/CrNFAFb+zrH/nzt/8Av0v+FH9nWP8Az52//fpf8Ks0UAVv7Osf+fO3/wC/S/4Uf2dY/wDPnb/9+l/wqzRQBW07/kF2n/XFP/QRVmq2nf8AILtP+uKf+girNABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAFbUf8AkF3f/XF//QTVmq2o/wDILu/+uL/+gmrNABRRRQAUUUUAFFFFABRRRQAUUUUAFFRzXENsm+4mjiXpukYKP1rMn8VaJbOVl1CMEf3QWH5gYpNpasTaSuzXorD/AOE08P8A/QSj/wC+G/wqWDxToly2ItQjPuwKj8yKlTi3ZMlVISdk0a9FRQXMF0m+2mjmUd43DD9KlqywooooAKKhgvLa6LC3nSQr1CtyPwqhrviK08PRWz3kF5N9pnjgT7NavKFZ3VQXYDagBYHLEd8ZPFAGrRWbc69Y2viGy0WRmN7exySxoq5Cog5LHtnoPXn0NVNb8SXGi3AB8Pape2xKKbu2e28sMzBQuHmVyckdFPXjNAG7RWJpHiOTWb+eKHRNRhtIZZYRfzNAIZGjco20CUyclTglB0rboDrYKKKKAK2nf8gu0/64p/6CKs1W07/kF2n/AFxT/wBBFWaACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAK2o/8gu7/wCuL/8AoJqzVbUf+QXd/wDXF/8A0E1ZoAKKKKACiiigAooooAKKK5vxT4ug0GPyIAJbxhkJ2T3P+H+TE5xhFyk7IipUhTi5zdkjU1bW7HRYPMvpgpxlYxyzfQV5/q/xFvromPTVFrF03dWP4/4Yrlr6/udSunuLyVpJGOSTVavn8Rmc5u1LRfifK4rOKk3y0dF36/8AALFxf3V3IZLm4kkdupZutV6KK8qU5Td5O54s6k5u83cKfCnmTKp6E8/TvTKeD5dvNJxkLtH1PH8s10YOg8RiIUl1Z04HDvE4mFHu/wDhyNdUu4bpp7a4kiO4lcN92uq0b4lajZssepKLuLoWPDD8f8c1xNFfrc8LRmrOJ+yTw1Kas0e+aN4g0/XYPMsJgWA+aNuGX8KnJN+cLxajqf8Anr7D/Z/n9OvgVrdzWcwlt5CjD0PWvXPB3jOHXYhaXe2K9QcAcCQeo9/avExWClR96OsTx8RhJUfeWqOnns7e4VRNCrbfunGCv0PUfhWZ4h02e78Pi0sleaQXNu4Dyc7VnRm5J7AH8q2aK884TipPDPiKPx9baumoWE9k1zJJKDYMJoovL2rHv87BHXGE4LEkHJrcuYbzU9S0kyWklvZxK13OsjoWWUACOJgpIONzNkEgFByc1s0ULQO/mcNonhv7F4wW7sfDC6GyS3D31+s0b/2iJCSACp3t8xD/ALxV242rkGu5ooo6WDq2FFFFAFbTv+QXaf8AXFP/AEEVZqtp3/ILtP8Arin/AKCKZLdXP257e1t4pNkayM0kxT7xYYACn+7QBcoqn5up/wDPpaf+BTf/ABujzdT/AOfS0/8AApv/AI3QBcoqn5up/wDPpaf+BTf/ABujzdT/AOfS0/8AApv/AI3QBcoqn5up/wDPpaf+BTf/ABujzdT/AOfS0/8AApv/AI3QBcoqn5up/wDPpaf+BTf/ABujzdT/AOfS0/8AApv/AI3QBcoqn5up/wDPpaf+BTf/ABujzdT/AOfS0/8AApv/AI3QBcoqn5up/wDPpaf+BTf/ABujzdT/AOfS0/8AApv/AI3QBcoqn5up/wDPpaf+BTf/ABuprO4+12MFxt2edGsm3OcZGcZoAmooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAK2o/8gu7/wCuL/8AoJqzVbUf+QXd/wDXF/8A0E1ZoAKKKKACiiigAooooAyPEuupoOktPwZn+WJT3Pr9B/hXjNzcy3dy89w5eSQksxOc1v8AjjVzqXiCSNGzDb/u0HbjqfzzXN18zmWIdSp7NbL8z4/NsW6tX2Ufhj+YUUUV5Z4oUUUUAFF22y1ij7sTIRj8B/WlVSzBV5JOBUN64e7cL91PkX6DivqeGcP7TFOq9or8WfXcK4b2mKlWe0V+LK9FFFfox+lBUkE8ltcJNA5SRDuVgcYNNSN5G2xozn0UZq7FpMrf65liHp1Nc9atRpR/etJEScX7r+49i8I+Ik8Q6OsjcXMWFmX39fxreryXwndJoWsROjsIpG2Slj/Cf8Ov4V61Xyk5U5SbpbHzuJoOjU5WrLoFFFFScwUUUUAFFFFAFbTv+QXaf9cU/wDQRTIv+Q5df9e0P/oUtP07/kF2n/XFP/QRTIv+Q5df9e0P/oUtAFfX9Sn0uyiltljLvKEPmKSMbWPYj0rB/wCEs1P+5af9+2/+Kre1/TZ9UsoorZow6Shz5hIGNrDsD61g/wDCJ6n/AH7T/v43/wATXTR9jy/vN/mcOI+s8/7rb5fqH/CWan/ctP8Av23/AMVWx4e1i51R7lbpYh5QQr5akdd3XJPpWP8A8Inqf9+0/wC/jf8AxNbHh7R7nS3uWumiPmhAvlsT03dcgetOr7Dl9zf5iofWuf8Ae7fL9Cm3jnRbGCL7fqDTySm4Zfsmnzt8kUuxyVUOQEJALHjvwDw3UvG9hb63Y6XYyNNNNeJBPJ9llaGNTGZMecB5YfAU7S2cHpUNv4F+zhh/aO7daX9t/qMf8fM3m7vvfw9Md+vHSoZPAd1JNHbNrEf9ji4+0yWv2M+c7mIxsPN8zAQ5LY2kg8bscVxu/wCX5/5fmd//AAfy/wAzVh8b6FPnZPcqu9FDy2E8asHO1XVmQBoycDzBlORzyM6NlqsOraW17o5+0Id6xGVXiWRlJHUrnaSPvAEEcjIritN+Fg0/Tp9PiudIt7a5hWzuWsdDjtprm2/jWSRXyZGAA3jCjLEJkgr2Wg6ZLo2jw6dLdC5jtv3cD+XtZYhwitydzBcAtxnGcCq/r+v6/wCClf8Ar+v6/Kt4V1TUNW0iWbWILWC7ju54HjtXZ41CSsowzAFuAMnAyew6VtVQ0jTP7Kt7iLzfN866muM7duPMcvt6npnGe9X6B9X8wooooAKp6P8A8gOx/wCvaP8A9BFXKp6P/wAgOx/69o//AEEUAXKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigCtqP/ILu/wDri/8A6Cas1W1H/kF3f/XF/wD0E1ynjnT9ZvdVsJdOtLi6sLa1uHuY4dcn03L5j2fNDy7YD4BwvJyRxSvYaVztKK83tfH+m6v8QdGttP8AENpHZBXgFi10omnlaIMGdSd3GQqg9W3egNWfF890vigzQ3N+kNlHas01vdPHBYZmYyPPGGAlDpgAbX27cnYDuqrakppptHf0yaaO3haWZtqL1OM1wfh6e6PjYTTXN/5N3JeKs0907217iTMaQxFiIzGisCdqbtuR5gJYdoqNdXXmSqVihYiNWGNzdCx/kPz9KXQfVoT+1rEfeuAn++Cv8xUd3rFmmn3EtteW8jpEzKFlU5IGR3rQrH8U7V8N3jlAW2gA45GWA/rQB4xK/mTO/wDeYmmUUV8M25O7PzaUnJuT6hRRRSEFFFFAEkBCM0px+7Utz69v1xWeAWbAyST+dbdhaC7hlQ5PIJUHGQKnWBbb5Y4hH2OByfxr7bJsTDA4PmcW3J/LtufpnC1OMcK1Frmk779NvUyItMuJMFwIl9X6/l1q7FplvH9/dKffgflVuitK+bYmrpF8q8j7OOG/nd/w/wCD+IKAi7UUIvoowKKKK8uUnJ3bOmMIwVoqwA4INevaPc/a9GtJidzNEu4nuQMH9RXkNek+GNSsoPDdpHcXkEUihsrJIFP3j6104d7o8HOYr3Jev6HRUVXW/s3+5dwN9JAaQ6jZiQRi5jZyeERtx/IV1nz5ZorjLvVP+EY8T6/qOr6xdT2EWmw3Kw3LxrFbkySjamFUDPA3Nk9MtgcR+BfEZ1Lw7rVyNatNbu7W6mdmtLhZY0BUMqLtP3ByB6gZ65pcys32V/xsNrVLu7fhc7eivJrIavqHhn7LZr4i/tu/htLmVL7VTBHdp5yGaWF0d2t1wSCqhCFYAJnFd34PkH9jy2rwTW9xZXDwXEU2oS3u1+G4ml+d1KspGcYzjAxVWev9f1qTzKyf9dzV07/kF2n/AFxT/wBBFMi/5Dl1/wBe0P8A6FLT9O/5Bdp/1xT/ANBFMi/5Dl1/17Q/+hS0hmL49vbmw8OpNZTyQSfaFG6Nipxg8V5v/wAJNrf/AEFbv/v6a9a8Qafp+p6csGrXHkQeYGDeYEy2DgZP4/lXNf8ACH+Ef+gp/wCTaf4V5uLw+IqzTpTsrd2vyPIx2FxdaopUZ8qt3a79jiv+Em1v/oK3f/f013Xw61G91GC/a/upbgoyBfMctt4bpUX/AAh/hH/oKf8Ak2n+Fb3hvSdJ0pbhdGuvtAkKmT96r7cZx06d/wAqnC4bE06nNUnderJweExlKrzVql16t/mZOpePjp+gf2kNMMx8q9kEQnxn7O5XGdv8WPw96iv/ABzqmn206TaNZf2jDdLD9lS8uJvMRo94ZPKtnkZgPvDy8Dk7q0J/BXhh76b7TA7TXyTr5Mt9MQVkOZRHGXwgJwW2Ac4NXdR8KaTqkry3MVxHM8iyGa1vJreTcE2DDxurAbeCAcHvmvSd+h7K8zhz4ovNXvBfW811aRXDaK4t/NcCPzLmRZFwcdQMHIBIAyO1bc3xCktLYahd6So0u6MqWEsV1umndM4DxlAIw204O9u2dvbZtfBmg2cEcNvYlUiFuF3TyMf3Dl4sksScMxPPXPOaUeDNBF1czNZNJ9pWRXhlnkeFRJ9/ZEzFIy3coATk561T2svP8l/kRZ3v6fm7mZqvivXdG0tJL7QrJb55/Ljt4r6edZl2liY/KtnlYjHIMQAHO41ir8SdQRptRfTPMsp7KyaztUaV5ftEzSAgqkBfb8hyQGYBBhMsQOo/4QXQ/sgg2X4YS+d9pGqXIuS23bzP5nmFcHG3dj2pP+EC8Oi3SAWcwjS2jtVUXs4wkb742+//AKxWJIk++M8NS1uX0/r+v6+Zz95441vUvDd0umaAbfUFsriacXdxPaCFFGFeMvAJGJzkZRB8rcjAz3GmO0mk2byMWZoELMxySdo5rFuPAHh26sUtZ7S4ZAJA7i/uFlmEmN6yyB98obauQ5YHA9BXQxRJBCkUQ2pGoVRnOABgU1pf5fr/AJi10+f6D6p6P/yA7H/r2j/9BFXKp6P/AMgOx/69o/8A0EUDLlFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBW1H/AJBd3/1xf/0E1T1jw1peuyRSalDKzxqUDQ3MsJdDjKP5bLvQ4GUbKn0q5qP/ACC7v/ri/wD6Cas0AVn0+1kuLWZoQHtNwgKkgJldpwBx04rNufB+jXd3Bc3MNxJJBGkfN7NtmVDlBKu/E2CSf3gbqfWtuijzDpYyLHwtpGnarJqNpbyrO5dgHuZXjiLnLmONmKRljySgGcnPWteiigArM8RxGbw5eqvUR7vwByf5Vp1HcQLc2ssEn3JUKNj0IxQB4HIuyVl/ukim1YvoniupY5V2yxSGKRSc7WX1+owfxqvXxden7OpKHY/PMTSdGtKHZhRRRWJgFFFFAGv4fOJ5fcD+tbkkSSjDqDWBoLYvSvqM10Vfe5LaWBSfd/me5h5ONKDi7P8A4LM6bTiOYjkehqkyMhwwINb1MkiSUYdQa3rZdCetPRn1eC4ir0bRr+8vx/4Jh0Vem04jmI5HoapMjIcMCDXjVaFSi/fR9nhMxw2MV6Ute3UQDJxXqnhVSnhizB9GP5sTXlXzFkSIFpZHEcajqWPoO+OT+FezWVuLOxgtgciKNUz64GK2w8bJs8rN6ilUjBdP1HNbwP8Afhjb6qDTo4o4l2xIqL6KMCnUV0niEC2VuuovfLHi5kiWFn3HlFJIGOnVj+dRxaXaQSF4UkjLXDXLbZnAeQrtJYZwRj+E8ZAOMgGrdFAHPR+BfD8VvNClpNsl2gE3kxaAKdyrCxfMIB5AjKgdq1tM0u00exW0sI2SJSWJeRpHdiclmdiWZiepJJNW6KAK2nf8gu0/64p/6CKZF/yHLr/r2h/9Clp+nf8AILtP+uKf+gimRf8AIcuv+vaH/wBCloA5v4nf8iiP+vlP5GvIK9816+sLCwSXVLb7RCZAoXy1fDYPOD9DXP8A/CTeF/8AoEf+Ssf+Nd+Gx8cNDkav13senhKtWFNqFNy16f8ADHkdem/Cf/jy1L/rpH/I1f8A+Em8L/8AQI/8lY/8a2vD2paXqIuP7JtPs3l7fM/dKm7OcdOvQ08RmMcRDkS/ErFVqs6dpU3Fd/6R5zc+JXbXPttx4kuJr+1tdRafTIFtlbTNpUKeYyVOADmUupALAEVDpviS71G802bVPFMN1FYa35UdzYXltdLOXs3YReYLeNWYt8oUID8+Mk4I9lorzUmjyzzn4beKb7W9avrW51231eBbSK4jMd7BcyQFmYbJDDBEqNgDKnfgj71ejUUVXQnqFFVLbUobrUL2zjVxJZMiyFgMHcoYY59DVugYUUUUAFU9H/5Adj/17R/+girlU9H/AOQHY/8AXtH/AOgigC5RRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAVtR/wCQXd/9cX/9BNWaraj/AMgu7/64v/6Cas0AFFFFABRRRQAUUUUAeU/EvSjpOsJrSKfsN4BFdYH+rcfdf/Hucn0rlGXa2D+Y717vqWnW+rabPY3qb4ZlKsK8J1fTLrwfqh0zVQzWRP8Aol3jOF/un2/l/Lx8wwvP78dzwM1wXtP3kdxtFKylcZ5BGQQcgj1BpK+eaadmfKyi4uzCiiikI0NFONQH+7/UV01crpTbdSi9ziuqr7jIJXwrXZnsYZp0F8wooor6A3Co5o43QmUDAHWnO6xoWchVHUmsiOO88W6kNM0oMttn9/P229/w/wA/XGrKKjZnRh4TlNOOhs+CtIGq+IF1XO6xs1Pkg/xSkkZ/AAEf/Xr0yqelaXbaPpsVlZIEijGOnLH1PvVyvHslsfSOUpayd2FFFFAgooooAKKKKAK2nf8AILtP+uKf+gimRf8AIcuv+vaH/wBClp+nf8gu0/64p/6CKZF/yHLr/r2h/wDQpaAMnxra3F3okcdrBJM4uFJWNSxxtbniuE/sPVf+gbd/9+W/wr12isp0ozd2d+Gx9XDQ5IJd9f8AhzyL+w9V/wCgbd/9+W/wrsPAlldWS332u2lg3GPb5iFc/e6ZrraKUKUYO6KxGYVcRDkklb+vM8s1fw54h1DSLrR4tEnVYYNTRLprmFUuDO5aPYA+4cHksFwcdeo1G8OXXh7XFvNC0AyWFvfidLKwMERYNatG7gO6LneRnJBPXmu/orWx5tkeTWvg/WYdb0G9l0FmvbdLZHuJJLaWC2RZC0gD5SeNwCcbC8bZ+ZeTiG38Ba6l/qkrW982oTJcrNetNZRQ3qOTtQPHH9oYlcDEpAQjgsFGfX6KEklb1/Eb1/D8DkfAujf2VcazLB4aXw3Z3VxG8FmPIHSJVZisLMikkHoeeveuuoopgFFFFABVPR/+QHY/9e0f/oIq5VPR/wDkB2P/AF7R/wDoIoAuUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAFbUf8AkF3f/XF//QTVmq2o/wDILu/+uL/+gmrNABRRRQAUUUUAFFFFABWfrWiWOv6c9nqUIkjYcHup9Qa0KKGr6MTSaszw/WvBWteEGeS1H9oaWWyRj7vPp2P09e9ZMF1a3Q/dS+W/eOXg/geh/SvoVlDKVYAgjBBHWuR134b6NrDmaBPsU5OS0Q+U/h/ke1eZiMDGfw/16P8ApHkYrLY1FeH9ej/R3R5c8Tx/fQr9RTa6O5+HPiHTCf7PmW4iXnCP/Q9T+FZsmla5ajN5pjY5+Z4cZ/lXkzwM4vZ/df8AFf5HhVMtnB7P7r/iv8ivp5xfxH3P8q62uYhiuVmQmzVBnlgp4/WugFjqE4zb291KPVY2I/lX0WSfuaUovv10/M7MNh5Kly67vo/IlZ1T7zAfWqN1q0EAOz529q04PBer3jfvlW3Q85kf+gyfzrotL8CabYsJLvN5KOm8YUfhXsTxKWzPRp4Jvdff/l/wTiNP0HVPFd1tDeRZAgu54wPp3P8An3r07RtEstCsRa2Ee1erOfvOfUmpbiDyNlxaRgNEu0xoMb09APUdR+XemjVIJADbJPcZ6eXE2PzOB+tcMpuW56dOlGGxdrO1fxDpGg/Zv7Y1CC0a7mWC3SRvnmdmChVXq3LDOBwOTgc1L51/L/qrSOEes8vI/Bcj9azvE9vdXHhryghuJ/tVsxEEZ6C4Qk45OABk/Qmo6mpMvijTX8QSaNH9tkvInEcpj0+4aGNigcBpgnlqdrA8t3FM1bxXpmiXYt9QTUQcKfMh0u5miG44GZEjKDn1PFc5LZC38dyTaUniBNSuNQjluPN877A1v5ao5GP3J+VeM/vd+Oi10N876vf6RbxQTiyf/TppJYGQYTaY42DAFWLsrYIziNsgULVJ/wBf1/k0D3aX9f1+qJbDxTpGpaq+nWdxK86hypa2lSOXYcP5cjKEkwTg7CcVr1xujawfEHjOSa9tNSs1sfNhsbefS7mJWGcPM8zxiPLYwihuFJJyW2p2VHRMOrQUUUUAVtO/5Bdp/wBcU/8AQRSz2FndSB7m1gmcDAaSMMQPTmk07/kF2n/XFP8A0EVZoAp/2Ppn/QOtP+/C/wCFH9j6Z/0DrT/vwv8AhVyigCn/AGPpn/QOtP8Avwv+FH9j6Z/0DrT/AL8L/hVyigCn/Y+mf9A60/78L/hR/Y+mf9A60/78L/hVyigCn/Y+mf8AQOtP+/C/4Uf2Ppn/AEDrT/vwv+FXKKAKf9j6Z/0DrT/vwv8AhR/Y+mf9A60/78L/AIVcooAp/wBj6Z/0DrT/AL8L/hR/Y+mf9A60/wC/C/4VcooAp/2Ppn/QOtP+/C/4VbRFjjVI1CIowqqMAD0FLRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAFbUf8AkF3f/XF//QTVmq2o/wDILu/+uL/+gmrNABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBW07/kF2n/AFxT/wBBFWarad/yC7T/AK4p/wCgirNABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAFbUf+QXd/wDXF/8A0E1ZqK7iaeynhQgNJGygnpkjFR+Zff8APvb/APf9v/iKALNFVvMvv+fe3/7/ALf/ABFHmX3/AD72/wD3/b/4igCzRVbzL7/n3t/+/wC3/wARR5l9/wA+9v8A9/2/+IoAs0VW8y+/597f/v8At/8AEUeZff8APvb/APf9v/iKALNFVvMvv+fe3/7/ALf/ABFHmX3/AD72/wD3/b/4igCzRVbzL7/n3t/+/wC3/wARR5l9/wA+9v8A9/2/+IoAs0VW8y+/597f/v8At/8AEUeZff8APvb/APf9v/iKALNFVvMvv+fe3/7/ALf/ABFHmX3/AD72/wD3/b/4igCzRVbzL7/n3t/+/wC3/wARR5l9/wA+9v8A9/2/+IoAs0VW8y+/597f/v8At/8AEUeZff8APvb/APf9v/iKALNFVvMvv+fe3/7/ALf/ABFHmX3/AD72/wD3/b/4igCzRVbzL7/n3t/+/wC3/wARR5l9/wA+9v8A9/2/+IoAs0VW8y+/597f/v8At/8AEUeZff8APvb/APf9v/iKALNFVvMvv+fe3/7/ALf/ABFHmX3/AD72/wD3/b/4igA07/kF2n/XFP8A0EVZqK0iaCyghcgtHGqkjpkDFS0AFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABUK3ls8du6XETJc48hg4Ilypb5T/F8oJ47AmpWGVI9q87ur54PB2gxabcRrqWkWxedBhmtmS0kj+de3zsBg4rOU1Hc7sLhfrF0nr/wH+qS+Z6LTFmjaZ4lkUyIAWQMMqDnBI7ZwfyNcZq+r3+jNeWU+sSsWeDyr2doIFgLiQkO5iZVT91gEoxywGec1j6f4iupJprx9ZjTUWtofJtkCN9vZZplC8qC2QP4Ap5zwOKh1knY6qeU1Z03UTVtLb9beW1v6selxTRzx74ZFkTJG5GBGQcEfgQRT681/tvWLOVLWxubWziDTSQi5m2fapDczBkC+S7PjC/KhVvm7543vEVxcWPiWK7trhhcDSrr7Pa4UrNIpRsAY3Mcc4Bz8v1ylXTjexM8snGoocy1vb5d/60OsorndB1KS6TURDqn9rW0Kq0V7tTlypLJlAFO3CnpkbsHNc0+u+IoPsIbVoA1xYw3UbXbpELiRwd0aIsDlwMKdqkP83UgjFOtFW0/r+kRTy2rUnKCaurb3W6v2PR6K80FzexaHc2lvq7OkEV/NcRtFDIfMScYjYFMAEPkgjJ3duK0rLV9f1HxBd2Y1C1tXMlxCLbzQ8tuq7hHL5Xk8ZwjbnkKkHgZIAlV07abms8qqRTkpqyv32XXY7miuBu/EuszaSuoQTR2dvNcpavJM6xJalY2MjF2jcDMv7vLKR8vbOa2G1XUIvBEd9cXMKTF1WW8hBdI4jLtMvzIoOE+bO0L3xtqvbRd7dDGeW1oKN2tXb5/8A6OOaOVnEUiuY22OFYHa2AcH0OCD+NPrzSTXmsrW6Ww1wk3F9K6ajLPBFHMEhh+UsYXUsd3yhFG7aeafZ67NbaLfTyas0N5fXkDM7Swwx2u+3VwzM0bbEbaVBKtkgAc5NSsRF/dc6Xk9bl5k10tv5J9ND0O5ureytnuLyeO3gjGXllcKqj3J4FSBgyhlIIIyCO9cXJcXeueB9Jnnv3jmfUYVaa3Ebb9txtB+ZMHoGyFHIHAHFV9Q8RalCL5rbU83iC6EliYkP2JE3eXLjG7nC8sSrb+AKbrJPVf1/TMo5ZOXuprmTae/T5ev4dTvSQqkscAckntTY5EmiSWF1kjdQyOpyGB6EHuK5fxBC9rcaCbvVZvlupVaWQRL5rNE+1T8uOfugDBOe55rJs7i/sLPw/by3xu4bq3tJRHNBHthIlhXCYXPR+pJIIBBFP2vvONuxNPL/aQUozV36935eV+h6BRXJ+CdYvNU+2LeagL8xpE2+NU2I7btygqqsuMD5HUOvctnjn4vFetNp7bdVhmBmiWe+Z444bXckhYb/KPl/MqDbLHuXcASdwITrxST7jjlVeVSdNNXja+/X5f10PTKK4Qa/feXENW8QQ6WwtxJbvBCJVvn3uMDfGrScKnyxhS27K8EVTsdQuNPt1SDUPMeNrpLi4eKNntQbyMMThRjCsXweOQSMAUnXin9/boUsqq21kr3t18+trdOl/v0PR6K4m01DVNTu/s1rrsv2RIbh4r6GGFmugjR7WyUKEAu65VQDjt1rQvdYuP+Eb0a7nvhpsd4sZu71VXEAMRbPzgquWAGWBAz6kVXtVy839amEsvqRko3V36+fl5bLXpa50BvLZbxbNriIXLIZFgLjeVBwWC9cZ708zRiYQmRRKylwm4bioIBOPTkfnXJ+Emu7zXr++vLyaUyWcChTGiq6h5QjjCg8gbuuP3jcYxjK0eC4lvEhtNbnjmt49Q82REhaRGFwh2EFNo6hiCufm4IGKXtrW03v+Bs8vSnKDn8KV992m+3S1j0SiuAsPEuuXut2iyXNnAri3ItJJtrTxvGjPIsYhZm5ZxuEgUbfmHBJv8AiTU9YtL3UZNPuykVpFbHytqBQJHdXkZyjEBVG7gHG3JBGQW60VFy87EvLK0aiptq7V9+7S7eZ2FFedx+Ir/MSal4mtrSAwzvDd27xyrcMpj2jzGhVWOWcYRRnoDkGr3/AAkGpm+j8+7+zXxeFRpHlr88bRq0kvI3/KS/IO0bMEE1P1iNrlSyqvHdr8ejt2/4C62O2qrf6pYaVCsuqX1tZRs21XuJljUnrgFiOeK5XwvdPFqlxeazrPmSz6Ra3UizCKJQvzlnACghVJ65wN3PbGt4iS7fU9DXT54YJ/tUm154TKo/cSZ+UMp/Wrc3y3S1/wCDYylg1TxHspyurXur9r9v0+RswXVvdWqXNtPHNA67kljcMrD1BHBFFvdW93GXtZ450GAWjcMOQCOnsQfoRXJXmr38WrPazakv2pZo4V05IVVbiIxqXnAOXwCXOQ2BtwcnmsXR9TksdKSN9U/si2dQ/wBp2Id8q21vsjy4I5yxx1OOCKz+sLXTb+v669NzeGVynByT7Nb7P5XfyR6ZRXD3PiPXLO43ToQsMcV9cw+VysUiLH5Q4zxL5j9zhMHg02yl1mbVbnT21Z7WSKOR5poLaHfLIkdv8xyhHVmzx0wOMCq9srtW/pELLKluZyS0v1/Rea+9HdUVwcHia7uJ7JrnV1tbuWazVNOVYwJ4pBGXk+ZS5GWcZUgDGOtWfFGt6xZ+IltbG5tbOIQJJCLmbZ9qkLMGQL5Ls+ML8qFW+bvnh+2ja/nYX9l1vaKndXav18vLXfpc7OiuD/tHxA5kni1SWQi3vJ1tkt4iCYZ9iKPl3EEHB5ye2081Nbapf32pW9jp3iB7qzluAp1COKFmJ8mRmjBC7MqVQ/dJG7BzSVZPp+Xp3B5ZUSb51pe+/Tfp/wAP0O2orlPEWsXdjqrxRX/2R44Y3s7XYh/tCQswaP5gSeijCEEbsk4qpLr94k160Wsb9Sja4C6L9mV9qoG2NhR5gyArbySrZ2gZIwe2je3+XQiGXVZwU01r6/5fjsurR21FcVb+JIbS7tZD4qj1HTjMEubiWKNEhJikIUyqAgyyr8p+YHGSdwFVIta1rUZGkt9ZaGJbmCNBHBEwZZLqWMkkr/cVcYxyM88gv2y0NP7LrbtpLTV8y3du1/w7HoFMWaNpniWRTIgBZAwyoOcEjtnB/I1wEHiDxFHeXqC6t7ia2FwhspJA04EYby5DEkKkFtqtkvtbdhQCQBq+Gb+0k1nVJ11xdUhaK1Rbt2jALM0gCAoAvUgAdcnHJpRrRm0kKrltWjCU5NOyW13u0u3n8+h1tFFFbnlhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRTJ2KW8jKcFUJB/CuEs/E2qzaZoUTXga8N1F9vkMS/vImMeBjGASJkOQP4Tis5VFF2Z2YfCVMQm4Naf5N/pb1aO+ornLPxpaaharNZ2F9K0rqtvEqxkz5Vm+U79owEYkMVK8ZAJGdnTdQTU7BbqKKSIMzoUlxuUqxUg4JHVT0NVGcZbGdXDVqKvUVuhaorlv7R1H/hMfI+2n7ObryRb+Uvk+X5G/PmYz5u/+Hd93nbj5qjfUdYj03WUuNQjNxb6nFbrNBbBSkTJCxEaMW3PiRsA7iT0B4Wo9ov6+X+ZusDNtLmWqT69Xbt06/hc62iuFn1jWU0uOdr66SOKO5ZLiGxWQyvHIQizqFPl/KOcbOc8qRiuyW4Mumi5QbS8PmAHnGRmmqkWm+xFfCTopNtO7a0v0+X9dbFiiuefxRb6T4T0vUdYlDS3cMQHzxx+ZI0e48uyoOhPJA7egpYvGemT2RurdZpozAJo/LCt5x8wxmNCGwWD4HXHzLgkGm5xUuW+ofUsRa6jdXtfz/r+tDoKK47VfH+nBNRsdOuVS+hSVYX8yJsyIDuGzcXGNp5ZQDjgnIz2NEZxn8JFbC1aEYyqK19vw/wAworm7LVtQtoNZXUJor66t78W9qkUXkq5aGJlQDLEcuckk8ZPQYGj4bubm88O2c9/KJrl0/eSKoUMQSM4HSiM03YdXCzpw521bT53VzTorldR1PULPXJ/Pu7q2QSKLOBbNXt7ldoJVpCPlkZtyjLqPu8Hu5/G0FhoulXusWrwNfwLI2JoF2EgZwrS7mHOQFDHHvxUqrFmv1Cs1Fw1v29L9bX+V9dDqKK5IePbay0uCfWoDa3E806RwtNDHlI5NpbLyBeOARnJOcDFdPZ3cN/YwXdo4kgnjWSNx/EpGQfyqozjPYxrYWtQV5rS7V+mhNRXLeG9Xm1LUGe51OYtP5rpYyWmyNUV8KY5No3kDG75m5botdTRCanHmROIoSoT5Jb/P9Uv8goooqzAKKKKACiiigAooooAhNrC16l2U/fpG0Svk8KSCRjp1UflU1FFA229wooooEFFFFABRRRQBRl0e0n1JL6bz3lQgqjXMhiBHQ+Vu2Z98Zq9RRSSS2KlOUrKTvYKKKKZIUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUANkQSRsjdGBBxWTH4X06KOERrIska26mXd8ziA5QHt9cAZ/AY1pHMcTOEZyoJ2r1b2FUbXXLK9ntYrR2ma5gNwNq/cQHGXzypzxg85DccHEPlvrudFKVaMW6d7dbeWupiXPhCS1he40m6uJ9TMkZS5ublI3RVDADeIX38Owy6sTnk8CtvQdPl0vRYbS4l82ZS7yPnOWZyx5wM8t1wPoK0KKIwjF3RdXF1a0OSeut/PTRfJdjJHh6Ear9s+13XlCf7SLPcvlCXbt3/d3e+N2M84pbjQLedbvbPcQy3N0l2JYyu6KRURAVyCMYQcEHOTVywvo9RtPtEKsqeY8eHAByjlT+qmrNCjG2hMq9aMrN6rT7n/mYM3hSGbT/ALI2pagI5C/2orIgN0HOWD/LgZ6ZQKQOAQK1o7aRRcpLNvilb90gQL5KbFXaMdeQTk/3sdBU7MEQsxwFGSapyatbJYWt4paSC6eJYmVevmEBTg4wPmHvRyxWgOpWrKz117dX/wAN92mxlxeE/LtbaA65qUn2Pb9kdhAGtyFK5UiIZypKkNuBB9eauy6BbTyafJcTXEsljIZFd5MmUnkh+ORuCsAMAFVxgDFalFHJEcsXWk73/BLf09X97MOTwrbvHdQC9vUtLkyN9lSRRHG0mS7D5cnJYnDEqCcgdK3KKKaio7GVStOpbndzNk8P6bcfbBfWkV7Hd3AuXiuo1kRXEaxjAI44QfmaTStEh0SG3tdNYQ2UMbg26xKN7sykOSAORhhjvu56CtOgnCknt6DNHLFO5X1iq48jlp26bW/Iybnw+l3eGS41C9ktjKsxsmdTFvUgg5K7xggHAbGR0qhJ4JtpLdYRqmoIv2RbOUqYszRKWKKx8vjG4jK4yOua6OOQSxJIoYK6hgGUqcH1B5B9jSGVRMIsNuKlgdh24BA+9jGeemc/lS9nE1ji8RDSL28l0/rfyXZGN/wi0SMsltqN7bzRyTNHLGY9yJKwZ4uUIKlhnkFge9bMUYhhSNSzBFCguxZjj1J5J9zT6hluoYJ4IZX2yXDFIhgncQpYj24BPNNRjHYynVq1tJa/1d/q/vKFnoENnqX2tbq6lVPM8i3kZTHBvOW24UNyR/ETgcDArVooppJKyIqVJ1HebuFFFZuo63BpsjRywzyuERkWJQfMZ32KgyR8xYjrgDqSBQ2luKFOVSXLFXZpUVmQ65GxgW7tLuxeaYwBbmMDD7dwG5SVOR0IJGRjOeKgPie3kEP9n2d3ftMZDGtuqDdGjBWkBdlBXJAHOWzkAjmp54mqw1Vu1v8ALr126M2qKpz6hJHpsd3bafd3ZkCsIIwkcgBGeRIy4x3BOfasqDxabjT7K6i0LU2F+R9lj3W4aVTGZN3+twBtHcg+1NzSdmEMNVmrxX4r/M6GisceI4RpN1ey2V3HJaSiCWzKoZvMO3ao2sVJO9cYbHzCnT+IIlkgjsLO61KSaFZ9tqE+SNvusS7KOcHABJODxRzxD6tVvt/l332NaisR/EbtdeRZaLqV4wgjmfYIotgfO0ESyIwPynIxxU39vKdSe1i0+9lSORYZrmNFaOKRgCFI3bjgMpLBSozyeDg51ew/q1VdPPdf11079DVoqCxu0v7KO5jR0WQZCyDDDnHNT007q5zyi4tphRRRTEFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXLT6DOLLWhBZqTdagk5iVlX7TCPLLpnPG7EnBwCSc/eJrqaKiUFLc3o150XePl+DucXZ6ZqOm3S3NrosgtZUuIorGKWFTZq5jKgjeF25RyQhONwwD2uXek3J8L6JbXGnf2glosQvNPDJ+9AiK4+YhG2sQcE4OPUCuooqfZR5eX0/A6ZZhUlJSsrr18/Pz3363uefR+GdQW0SN9HBlZCtnIJY8aY/nyNv+9x8rIcpknbgiui1nQItY1qGS+sYru1jspo9swDKJGZCvynvhTg44rfoqVRilYdTMa05qps1fa/X5/111ODi8NahL5Ed/pomu2EBbUZJEbyohEqyQHnd8xDjABU78k1px6HJN4H0nS307yDBJbCe2LIAAkilz8pwQcFuuTnkZyK6miqVGKv5jnmVadtErNNb9Pn/AF0634HVvC915Mtha6OkmmfapZYYbeK1ZoiY4whVZsoiFvNzgbs4wOTV608PagLzT1nTFu8MFzeMzhiLqGPaM88kny2yOP3PvXYUUvYx/L8CnmdZwULL11v6779fU43wZ4dvdIvGlvlu0m8jy7iSRrcR3MmR84EaB36H5pDuGcc5JrNstFvL+0uW0ex/s67Zr9H1Peg+0bnkVFyCXOGKn5gAu3jNeiUUvYR5VHohvNKrnKpZXdvTS/T59dPI8+sfBsjNAtxp1wLPzS0trdtahM+TIu7y4FVSCzLyck8ZAxUlt4PntbeBoNOjjnjisPmDLuDqSJznPUrgE9WHHNd7RR9XhYcs2xEm9ummttHfv9/kedR+FdSW4U/2ZJ5hsBDJObiNf+XQR7EkX50O/wDhKun8YwaWz8MapHC4XSxDbfMfsu6KNpE8yBmjKoxjUsI5Pu4U9wCxr0Sih0It3LecV3bRdO/T5nE2nhMXV3nUNGiTT/JuPs9jNsZbYs0e1doJUHKu3GQM9avzaPcy2vhiS5sRc3VgVEzNsd4WMJUvljzh9pOCTxkZrp6KpUoqPL6fgc8sxrSab6X79U0+vW+vfqct4X0e50++Dyad9h2WoiupPMRvt02QfN+Ukno3L4b5+lVLTRLvR7xb230dria4S7iuDDJGHG+ffGzFmGV254BJGenWu0opexjypdr/AIg8wquUpNLXda9n5369+3Q4bSvCc9tZ29xPp8a6lFeWrLMWUukSxxLIA2eB8rggdffNdVrURm0t4/7P/tFGZd9usgRiM5ypJA3AgEZK9Ooq/RV8i5XEzrY2rWqKpPdev+d+nQ5VtHvrrwXqthLbzkzlzZW13cCWWJdq7Q0hZskOGIO44BXnirfiCx85beKLRrm6SNCsMthdrbyW544zuTC8DoT0+7W/RUummren4B9dqc6lbZt9d2kujv07+tynp/2xbGGDUAXuY7ePzrhcbJJMYbAznqM8gD5hjPOMGHw9cT6F4WsryOaM2MSC68i6aJoyLcp99GBPzEDg/pXVUVcoqW5EMVOm24aX/wAmtPvOTj8P36n+zYpbm2tEvmuVv1kjklkARSobzA247mIywJxEOelM0qx1bw1PKE0+41SAotvG0UsKybUZyjEMyLjbJtOMEFOmCK6+ioVJJ3T/AK2NnmFSUXGUU09/Pzunf8beRx19YXkuvSXt5o2rTedaQL/xK9UEKo6lyyn99EWxuGCV/KrVzZ3s3iCK4tNKubK48+NpLxLtfIliGNwkjD5Z9uVGUODghuK6eij2Svfzv0D6/PTRaK28ttOl7dPR9RgdjO8ZicKqgiQkbWJzkDnORgZyAORjPOH0UVqcDCiiigQUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBz+ua5qtnr+naRoemWd9cXlrcXTNeXzWyRrC0KkArFISSZx2H3TVbRvE+q3mv2NhqenaXHb6hp81/a3em6o12kixtCveGMYYTqQwJ6Vz/xJ8ReHPDnjDQpvGGo3Gnafc6ZfwCa2edJC/nWTgBoPnXhDyCBgYPXB5/4Ta74Zv8AX/DekeGdZk1S40rw5cpfszXLIkhaxX92ZwCEJjbCqAo/ujNAHoGs+O4dK8XL4bttE1XVdRaw/tArZCAKIt5Q8yypk5HQZ6irXhnxppHi21hn0c3brLGznzLOVFjKvsZHcrsVwR9zO7HOMc1zWtadr2n/ABoj8T2Hh+71aw/sA2H+iz26MJjPvwRLInGB1Geted2fwl8W22oa3d3+l/aTrGj3PnQ2epJBtnluxJ5CyMG52D7xQqTkE45oW2vn96vZfNf1qU0r2Xl+Nr/cz23VfFVlpHijQ9CuYrhrrWzMLd41UonlJvbeSQRweMA/hW30r5rg+EPji71DToLO0/4Ru0inu2W9imiE0XmW6rueOOUxruI2fuQpxkkA4r3HwLa3dh4IsbO80GHQ7q3j8t7KGRGiLD+NWQnhuvPzcnOTyXb3fMi+q/rqyloXxHs/EdxbHTNE1uTTrueSCDVRaq1s7ISCTtcuikggM6KPeuwrwbxZ4c8QxaJfXOieG7rwjbpaX0urxx6qk1hcxmF+I4Vb7zHB3eXHjvms7wx4P8Sy+G7LVvBvhWz05ZPC6W80d7JC0WszPtIYxqxB+XcwMm0ksAeM0lezv0/yf+Vv0LcVf1/zX6O59FUV84j4XeMP7Q1B7DQ7m20iV7KW502aeytv7SWNiZYtlqREuQeN3UDlq2te+HerakdPk0jwbNo2iwag811okGoW0r3GYwqzCCXfaptOflyc5zwaP6/r+vwJ6/12PdK4s/FHRR4AHi/7Lf8A9nm6+y+V5aebv87ys434xu569Pyqb4Z+H7nw14Ji0+8t7u0ImkdLa7vI7l4UJ4XdGiIo77VBAzgE1wK+BvFDfD2LwC2iyBRrPnyav9ph+z/Z/tHnbgu/zN2MDbs696a+JLpp+av+An8Da31/J/rY9sor5xk+FXjYya3HoejnS5b62uEkvbrUo5JJd0ofYksRUyCTB/10eVBxmrR+FviAafOdM0DUba1e5snvdKutQsY11GKNsyRrFbIsanp8zOC3cVK1sVJWbt/Wx7Vo3imy1zV9a060iuEm0W4W3uGlVQrsUDApgnIwe+KPCPimy8Z+GLbXdLiuIrW5Z1RLlVVxscochSR1U965P4WeGb/QNQ8Vz3Ph4eH7PUr9ZrGyEkLbYwmOkTMq89vevP8Awn8LtUsbXQYdZ8MR6GLJr1td1eW7tyt3ayBv3RCOxYbSOXAC7cijp8l99tf6/MFqn6/hr/wD6GrjNR+JVpY69relw6DrN+2hRxS389okBSJJE3ggNKrtwDkKpPB46Vx3wA0C8isdS17VLwX/ACuk6bcBflaztyQrIe6sx/8AHa05dN8UaL8QvHOp6d4ZuNSi1yC1jsJkurdIg8cJRjJukDqoZuyk8HjpTlpt2v8A5fgEbO9/61V/1/M9F0jVrLXdGtNV0qcT2d5EssMgGNykeh5B9j0qHR/EGma81+NJuftB0+7eyuf3bL5cyY3L8wGcZHIyPevAtY+E/i+LwuugjQYNSaz0uKGwvbBLEN5xYvIJZbjEqqrE7fLxkdwSa1dF8AeK9G8F+IdOj8K2ct3qGtxzyvOtpOZ7M4yIxIxUyIQxAlAUbiRk5pu15W+X32/LUSTsr7/8C/8AwD3quNs/iNHqV1qqaZ4Z129g0m9lsru5gW3KrJH97ahmEjjBBwqEnoATxWR8H/C+seGB4jj1PTrjTrO6vxNYwTvbEhNgBOy3/doSR0UAfXrWTZfDXUm0L4gteW99HqGp6hqE2mww6tJHFOkkeIy0aSiM5OR+8GfXjFS9NfK/z00/MqKT0fe3y11/I9A0Pxjp+v8AiHVdHsoLyO40uO3kma4g8oMJk3phW+cEAchlUg8Vv186D4VeNm0fUIRYPEkkWiCW3S6g3XiW9uUniG4smQ2D+8Gw7e4qe++FWsSaH5Vt4Z1ZoDqMk6WU2p6ewizHt8w2qxpBtbkbVkDLwwOaqWjaX9bf5/gJatf10v8AmfQlFYHgWw1DS/AmkWOs20Npe29sscsEErypFjooZ2YnAwPvH24xW/RJWbRMXdJhRRRSGFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAf/Z)

Table

Description automatically generated

* What about your Container? What sort of usage data can you extract.
  + Text

    Description automatically generated with low confidenceRan *docker stats mandha1* to check container usage metrics like CPU and memory usage

### Use your pubs database

DBA task

You want to recover a single table from a database backup – why?

It is the only table effected by a recent data loss.

Restoring an entire backup can take a significant amount of time, and you are under a lot of pressure to get it done fast

Perform the necessary data adjustments to check your solution is correct (delete rows etc). Provide an answer for each of the following scenarios:

1. The table still exists, but only some rows were deleted, restore the deleted data only.
2. The table has been too badly damaged; restore the table structure and all the data.