Matopeli

Dokumentti

Tieto- ja viestintätekniikan perustutkinto

Sanna Kunnasluoto

Leevi Sallantaus

Sisällysluettelo

Suunnitelma 2

-Toteutus 2

-Kaavio pelin kulusta 2

-HTML 3

-CSS 3

-Javascript 3

-Mockups 4

-Työnjako 5

Valmis peli 6

-Kuvat 6

-Pelin testaus 7

-Ongelmat peliä luodessa 8

-Pelissä havaitut kehityksen kohteet 9

Suunnitelma

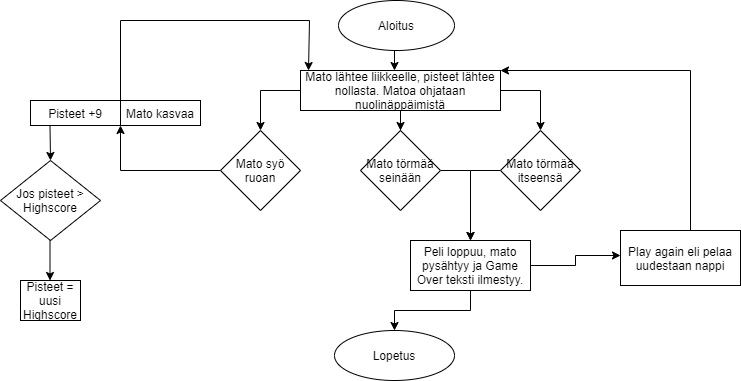
Toteutus

![Kuva, joka sisältää kohteen teksti, näyttö, kello, elektroniikka

Kuvaus luotu automaattisesti](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4TZmRXhpZgAATU0AKgAAAAgABgALAAIAAAAmAAAIYgESAAMAAAABAAEAAAExAAIAAAAmAAAIiAEyAAIAAAAUAAAIrodpAAQAAAABAAAIwuocAAcAAAgMAAAAVgAAEUYc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIxOjA1OjE3IDEzOjU2OjI4AAAGkAMAAgAAABQAABEckAQAAgAAABQAABEwkpEAAgAAAAM2MQAAkpIAAgAAAAM2MQAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkQAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMTowNToxNyAxMzo1NTozOQAyMDIxOjA1OjE3IDEzOjU1OjM5AAAAAAYBAwADAAAAAQAGAAABGgAFAAAAAQAAEZQBGwAFAAAAAQAAEZwBKAADAAAAAQACAAACAQAEAAAAAQAAEaQCAgAEAAAAAQAAJLkAAAAAAAAAYAAAAAEAAABgAAAAAf/Y/9sAQwAIBgYHBgUIBwcHCQkICgwUDQwLCwwZEhMPFB0aHx4dGhwcICQuJyAiLCMcHCg3KSwwMTQ0NB8nOT04MjwuMzQy/9sAQwEJCQkMCwwYDQ0YMiEcITIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIyMjIy/8AAEQgAoQEAAwEhAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A6/wTEkfgnSF2jJg3dPUk/wBa6tVUWTnaOh6Cgl7ny1PAZr24YDlpG6fWmLbFZNrA57YrVLQsnFkTk4G4frUyWOQPkJI4p2FckWw5bIH0HepBYEJymcdz607BckGnAc7RnoQal/s1T1HQ5p2FzEn9nBzkAHJp409Co4G4f5zT5RXJhp6cdAR1OaUaeA3JGMdfWnYVyT7Aqk4AZfT1pRaKxwPwwKOULsclkG5wM89R1qRbSHJyOO+DT5QuPW3j3Y49elPa2j4DAYxzxQohcVbdOny+oqRYFIJbbycf/Wp2EOFrHjnBAPPelNsPvMmVyMdsigB4tMjhVHbOKd9nAkTA4I4x2pgWkgUjDYJb+Ej9f0oHlxJjYeDjFICSeVLa3V94XI4DDrWZc3P2nwvqwGOIgx4HZxUS2Ge16Mq/ZYTtHKDt7VNrsSvoOoKFGTbvjj2Nc0Sjj/Csfl+FdJQ9Raof0zXRHI06T/cNAj5w0KEXGoupUndIRwfevRrzwJYwaHPq99c+RFAm5mA6/wCc1qmktRs8+sZJtZnaDTLN5QOQxwAB7ntWynhPXmbGy1jH94yk/wAhWcq1mZSqxi7EqeDdaMg33doik/MVBJH4Yq4nge5J/e6ucZ/gh7fiazdd9DN4hdETjwOmBu1S5yO6qopf+EGtywLalen/AIEP8KTrSJ+sPsH/AAgdln/j+vsZ5HmdaG8CWR6X18P+2lL2she3kK/gPT3xi7vRgYP7zOTTf+EA07vd3v8A38H+FL2kg9vIQeALAHi+vfb94OP0px8BWP8ADfX4Pf8Ae/8A1qPaS7h7eQ3/AIQGy3A/b77APTzO1Mb4fWmcpqN6px13A80e0kHt5Dz4DtdoA1G+B9d4oPgWLGBq18B/vCn7WQe3kRt4EP8ADrd6B6EA/wBaYfAt0GGzXp9vvED/AFp+1khrEeQx/BmrqQIdd3L/ALcWOfzqE+EvEa7tmrW5HbKnn9Kft5FLELqiI+HfFsJylzayY7Zxn9KglsPGcGG+ywy/7jCrWIZSrQZn3eseJdMAa70h0UHAYZxxVJPHrNNtuYCmTj1xWiq3NY8stjoby5uLmygmPEDx5TBBBFJBKz6Bq4z/AMurHH5VV7jse86E2bC2PrEv8q0NQTzNNul/vRMP0rFDOO0RfL0PT0H8NtGP/HRW1If+JVN6+W38qBHz94OXfqa8fxn+dei/Fa5MXwzhiRiPPnRDg9eCa0fwjkZ3gvS00vw3bjbiWdfNkP16fpVu98QWthqEdpPDcqHdYxN5X7vc3QZ/wrjerPPacpMZpfiWx1a6NvAs6MUMkbSR7RIoOCV9Rmtmk1Ylxs7MKKQgooAPpRQAUUAFZs2t2kD6gj7wbCMSS8dQVLDHrwKdrjSb2GJ4hsNkkk0ywxr5YBdhkl13AY9ahm8VaVBPArXKmCZJHE4OVGwgEfr+lFmVyMt6hrFpp1hHeSFpI5WVYxENxct0x9ajj1+yNp9oufNsxvMe25TaxPt6/hRYXI2h767pUbxo9/AGkUMnzdQeh/GlOuaYpmBvYcwtskGfutnGPrntRZi5GSxapZTmERXMbeeWWPB+8V6j6iqeq+IrPSLhYriO4YbQzyRx5WME4BY/Wiw1Ft2JLXWrS+1S502NJfNgQOxePCkEkcZ69K5Tx54OtbvT5tUtI/LuIxudFXhx3OPWqT5WXBuEjN0OTz/AyCUZa3kZFyO3WpbPB0fVhn/l0c9PauuL0O4988PEf2baH1hT+QrYnXdbyL6qR+lZIDkLNRHZWyD+GJB+grRmH/Epm/65t/KqEeC+B49+oqFzkufwrvvixbef4a0WyQ4aa8VR+Rq5fCEmXo08uJIwc7VC/lWDqug3mp6vbXP2qBIreRXjPlHzVA+8oOcYPuK4k7Hnxkk7kWieFW0vV2vpJ42CxtHFHGrAAM2T1Jx9BgV01DdwlLmdwopEhRQAUUAFFABXM6n4OtdVvNUurhY3luoVjgZgcxEKRn35wfwpp2KjLldyjqHh65sViu4XM0sU8DqqQlwNkew5Gc478UaP4buprCKa6IhkMd1GUdMH96+QcduO3vVc2hpzq1zZudEll8OWumJLAzQJGredFvSQKMEEdRn2rMtfCV5ZmCeG9gE8EzyRxFGMKKy7SoBOffrSUkiVNJWH3fhW7upLnN9BtvY4kuf3POUPVOeM0648JNPZSxC5Cy/2gb2NsEDn+E4IPTuDT5g9oaGl6RcaakKJLBtMry3ACMSxYcYJJOfU96h1jR9Q1HU7eZLi2azhAItp0YqXz944IzjtmldXuJSXNcdb6VqMfiabVJJ7UwyxCExqjBgoJIOc9ea2pI1liaNxlHBVge4NJsTab0PN9ItDb6FqlqeVhvCpGOabZkjStVAbP+iSZ49q7IbHoLY998P/APINtP8Arkn8q235jb6Gs0M5IYRUUDooFXmGdKl9TG38qbEeIfDyLfqfXkOeo969D+JEPmy+GogeftufyXNXP4RVNEyK4jae2liWV4mkQqJE+8hIxke4rC/4Ru94/wCKj1LjZ3Xnb17d+9cadjgjK3QaPDF7jH/CS6n0x1X1z6fhTm8NXrbv+Kj1IZ3dCvGfw7U+byK9ov5RD4avck/8JJqYzu7rxkY9O3Wnf8I5eZB/4SLUuCh6r2GCOnfqaObyD2i/lGr4ZvV2/wDFS6mcY6lecH6d6P8AhGb3yyv/AAkup5Kbd2VyDuznp17fSjmXYPaLsDeGr1ixHiTU13FiACvGe3TtS/8ACN3u7P8AwkepdScZXuMenbrRddg9ov5QHhq9BB/4STUuNvGV5wOe3fvSL4ZvQAP+Ek1M4AHJXsc+nfpRzLsHtF2BvDN6QR/wkmpjII4K9zn07dKD4avSSf8AhJNS53d14yMDt27Uc3kHtF2F/wCEbvd2f+Ej1LqDjK9hj079aE8NXqlSfEmpttKkglecdR0796LrsHtF/KJ/wjN75YX/AISXU8hNu7K5zuznp17fShvDN627HiTUxnOMFeMn6dqOZdg9ov5R3/CN3mSf+Ei1Lkueq9xgDp26imjw1e5U/wDCSamcbeMr2GPTv1ov5B7Rfyir4avV2/8AFR6kcbepXnH4d6afDN6Rj/hJdTHBHVfXPp+FF12D2i/lHf8ACN3vP/FR6lzv7rxu6du3at23jaG2iiaVpWRApkfq5Axk+5pN3JlK/Q4i0BVPEUPX/TiT+IrOt1A0rWNrk4tWH16V2Q2O+Ox7/oA26fbAdol/lWy/3G+lZopHKOPm9gavgFtPk/3TVCPF/hqhbU2PfzSB+fNeh+OkJ1Lw6BniaQ9P9iqn8IqvwsxtcYr4f1JgxUi1lIOcY+U9+1cdoXh2HU9Es72XUL4SSrGxCXB2/LkcfXvXKnZHFB2jcvf8IVahVH9pal90D/j5P97NK/g22YE/2jqI3b+lwf4jRzFe0fZAfBlr8x/tLUuS/wDy8HuuKePB1tw39o6jw0Zx9oP8K4H596OZi9o+xGngy1UKf7S1I7NmM3B7EmgeC7XyXT+0tS/1WzP2g5+/uz9e30o5mP2j7IVvBtq7SE6lqQ3F2OLg8bsf4Uo8G2u/P9o6jyWP/Hwe64o5mHtX2ETwba70/wCJlqXBT/l4P8IxSJ4MtQFH9palwFH/AB8Hsc0czD2r7IH8GWpDD+0tS5DD/j4Pc5pW8G2u9/8AiZalyX/5eD/EMUczD2r7IU+DbUSZ/tHUeCp/4+D2XFIng21RoyNS1I7Sjc3B525/xo5mHtH2QHwZa+Sqf2lqX+q2Z+0HP392fr2+lI/gy1YMf7S1Ibt/S4PGTmjmYe0fZDz4OteW/tHUeWc/8fB/iXH6dqavgy1yp/tLUuCn/Lwey4o5mL2j7Ang21VR/wATHUTtCdbg9jTf+EKtSGH9pal90/8ALwf72aOZh7R9kUtc8Ow6Zot5exahfF4kkYB7g7fmwOfp2rsdEYtoGnMW3E2sRJJzn5R370N3Qpu8bnMxIBP4iAHJuN3TkEKPyrJgz/ZWrjJz9nIx9WFdVP4Tth8KPf8AQ122kA9EH8q13+430qEUjk3Pzn2NaUPzWZB9DTEePfDLcNauEI4jmcfrXoXjKPfqejHBITzW6ZxwB/WnP4Car91nPa5/yANS6/8AHrL0IH8J7npWX4UIPhfTydxPljrIG7nuOK5ehxL4DZJXC8Hp/eoO3aOD0P8AFSJA7cdD1P8AFS5G3oev972oAaCuOh7fxUoI2twen973oAMjng9D/FQCN3Q9/wCL2oAFK7l4PUfxUgK8cH/vqgAYrzwe/wDFSsV3Nwep/ioACRu6Ht/F7UZXjg9B/FQApI2rwen973pp246Hv/FQA7I2dD1/ve1INuOh6j+KgAG3aeD0H8VAK4bg9P71AGN4qIHhfUCNwPlHpIFPUdzxWponOgad1/49Y+pz/CO460+hT+E5q35vfE43AATAD/vkVlQYbTNS4xlEXH1kUV10/hO6Hwo+gNIAEMY9FFaj/wCrb6VmikcizfN/jWtbc2oqhHkvw4Xy/FGpRkH5bmQfT5jXoHitsXmnDJyyScf980T+Eit8DOW13nw9qQxn/RZe2f4D2rK8JDHhXTgQQRGONgHc9hxXMtjjXwfM2jj5evT0FBxtHXoewpEgcY79T2FLxs7/AHvQelACDGD17dhQMbW69PQetABxz16HsKFxu79+w9KABcbh16jsKQYyOv5CgAbGT179hStjcevU9hQANjd37dh6Uccdeg7CgAONq9enoPWg4wOvfsKAF42d/veg9KQYx36jsKAAY2nr0HYUDGG69PQUAYviwZ8K6iACcxHjYD3HY1raGMeH9NGMYtYuMY/hHam9in8Jztix+3+J15x9oU5HYhRism3Qm2ugvGZIVz9ZVrrp/Cd0PhR7/pQIjUf7Nab/AOrb6VmWcex+f+da9mf9GqmSeX+CUWLx7rsZXBF0+P8Avo12/izm601uekmD+Aol8LIq/Czl9cGfD+pDGc2svGM/wHt3rK8JqB4W08AbcRjgR7e57dq5uhxr4DZwPl5PT+7QQNo5PQ/w0iQIGOp6n+Gl42dT1/u+1ACADHU9v4aUAbW5PT+770AJgc8nof4aFA3dT3/h9qABQNy8nqP4aFAyOT/3zQAMBzye/wDDQwG5uT1P8NAAwG7qe38PtRgccnoP4aAFIG1eT0/u+9IQMdT3/hoAXjZ1PX+77UmBjqeo/hoAABtPJ6D+GgAYbk9D/DQBj+K1B8LaiMFsxHjy93cdu9amhjGgacMYxaxcYx/CO3an0KfwnN6Qf9L8SEsRm7IwO/Aqnpse9JB/evrdR/33n+ldcPhO6Ox71pn+rB9q0H/1bfSsy0ce/wDrCPetex/49/xqmSebaBEYvijrkatt3S7gPXODXY+LpGSTS1XG13dW47Bc/wBKJfCTV+FnK69/yLup5/59Jeuf7h9KyPCOD4U03BXHlDoW9T681zdDiXwfM3Dj5eR096GA2j5l6H1pEgcY+8vU+tLxs6jr7+lADQBjqvb1pRja3zDp7+tABgc/MOh9aFA3feHf19KAEGAQdwwMetYUXjDQZXjVL4EuVA/dSc5bA7etNJspRctgm8YaDE8ivfAFCwP7qTjBwe3rT7jxbocFxNFLehXjZ1YeU5wVHPanysr2cgn8WaHDOYpL3Djbx5Tnqu4dvSkPi/Qg0Q+3DMgTb+6k53fd7UcrF7OXY1LK+ttSsIby0lEkEinY21hnDEdDz1FTkDA5Xv61JL0HcbOo6+/pSDG37w6j1oEAA2n5l6D1oAGG5HT3oAxPFuP+EV1Ikr/qj1Leo9Oa1tC/5F7Tcf8APrF0z/dHrT6FP4Tm9IZWbxEwGSbx8Z46elJoaBvs5HIfU4Rz7K5/pXXD4Tujse46YP3Y9hV9/wDVt9Kgroce5+etfT/9QfrTEefWyGD4wakucebEjDH0FdR4xOE0ojn/AEgjP/AGpy+Emr8LOX1z/kX9S5x/osvO7H8B79qyfCfPhbTiGB/dj/lpu7nv3rlWxxL4DaI+7yOg/ioI+UfMOh/ipEgRx1HU/wAVLj5Oo+8O/tQAmPlPzDt/FSgfK3I6f3vegBAOvI6H+KlUfN1Hf+L2oAYR8p5HT+9XktlbMLi2/wBMtjhoumoZ/wCWh/P+tXE2pbM1Lvwlrkk87JDkM0hH+m46uCP0qXUfCutT6jdyxwgpJJMy/wCmY4Yccdv6U+ZFqpEW/wDC2tTXzSRwgqRFz9sx0j2nj61YsNF1/Tp45I7OCXdBFC4mutwXH3iPf3pcyE5xasdN4csbjTvDtnaXYCzRq24ebv6uT178GtTHA+Yd/wCKpe5jJ3dx2Pk6jr/e9qYSEjLMwAGCTu6cUiSK0uYL20W4tp0lhcfK6NkHnFTAfe+YdP71AzG8V8eF9RO4D90f+Wm3uO/atXRP+QDp3OR9li/i3fwjv3p9Bv4TmNAKPYa5IQfnupcDHvjr2qfQVzdaZH1337yf98x4/wDZq64/Cd0dj27TRiM1cf7jfSoKOMVgyK3qoPNbGltmJge1MRwt+Ps3xlhJHyz2an8Rurp/GAzYafIoB23S5/FSKH8JNT4Wclrpx4e1I+lrL6f3D61leE9zeFtOJ5/dDqV9T6cVzLY4l8BtFThfp6igqdo+h7ikSBU7fxPcU7adn4+o9KAGhTj8u4pQp2t9PUetADJHSGN5JXSONQSzMwAH1NV01GxeTat9aseeBMhPAye/pTHZjV1GxkIRL22ZmwFVZkJORx3ry+y0+6W5tiVi4aLP7+3/AOeh9DVRNael7nrjKcn8e4oZTub6nuKgxFKnd+XcelJtPH0HcUAKVO1fp6j1pCpx+fcUAOwdn4+o9KztUsbi8gi8i5khMUokZUx+9AB+Q+xpoadmVdDsbmMG7kRrOOSIKNNBXZAQ3UY4yev41sgHDfT1FDHJ3ZjeLAy+FtRI4/dHoV9R68Vq6HzoGnZzzaxd/wDZHpR0B/D8zk/CzhfC105DFpJXPr3PJ/Sr3hks+vaTHwQEuJD+LIB/KuuPwnej23ThiAVbkOInPopqBo4HT383TLV+u6FCT+AroNKbhhmmBx3i+P7N8QfDt5nAkV4ifoR/jXSeLlB0GJw33LiI5H+8B/WjoTP4TkNcBPh/UgATm1l4C5P3T271leFI2Xwtp4KuMRj70YU9T2HSubocK+A2Spwvynp/dpSrbR8p6H+GkSIVbH3T1P8ADTtp2dD1/u+1ADMELyCOnUUAjY3Pb0HrQMyvEcbz+HdQiiR5HaJgFSMOx+i964HTdJvk1JWNheAYm5NgoHMWBzn1/wAKuOxtTdosNK0bUI9UsXfTr5VWW3JLaeqgYBzk54x+lQ2Wi6itxbFtNvwFaLJOnKMYkJP0qrmnMr7nrRVuflPf+Ghlbc3B6n+GsjkFKtu6Ht/D7Um1uOD0H8NAClW2r8p6f3fekKtgcHv/AA0AO2nZ0PX+77U0K237p6j+GgACttPynoP4aApw3ynp/doAx/FcbN4X1ABHOYj92MMeo7HrWjpTGHwzZvghks0OGXHRB27U+hT+FepyfhpxH4JV3yC4ZsAdef8AGt3whCG8QW5xjyrEcem52P8ASutfCd57NYjFuKdetssZ39I2P6VA0ed+HZPN8N6a/rbJ/Kum0pv3pHqKYjm/iSnltoV7yPKvQpPsw/8ArVveJufC8zqNwUxt9cMDVdBS+E4zXcf8I9qWQD/osvBGf4DWT4SA/wCEV07CgDyhwFIHU9jXJ0OFfAbRH3eOw9aCPlHHY+tIkCPl6dz607HydP4v6UAcv43QtocQ8vd/pMXG1j6/3ea4mwgI0fVR9nAzZqMbJef349T/AC/lWkdjop/ARxwHzb7/AEYcxXP8Evt71d8MwlfFFi32fbiZ+dko/wCWfucUy29GepoPmXjuPWheo4/nWRyAw5PHr60OPmbjufWgAYfN09PX0oI6cdh60AKw+VeO3v60hHA49fWgBcfJ0/i/pSAfL07j1oAFHynjsPWgDhuOx9aAMXxYB/wiuo5UEeUeCpI6jsKn8wQ+AFk6bdNB4GP+WdPoX0XqY2k7YfAlupOCYxg11Pg6INrF8wHEaQwj8EBP6k11v4TuR6rZjFstVtek8nQNQk6bbdz+lQijzbwPcC48Gaa46rGU/Imuw0tsXAyOtMT3Mv4mW5l8HSyqPmt5o5h+DD+hq3qUhvfh/czKx3PZlwRxg4z/AEqkJ/CclrTq/hvUXBG1rOQgnI42H0rL8Ikf8Ipp2GBHlDlScdT681ydDgXw/M5PxrcGPxCFFyI/3ERx5zr/ABnsBisa7u2GlWh+2AZt5jnz5Of3v0rRbHRG1kJPdt9hJ+2D/j5uRn7RL/cX2q3Hct/YTn7WP+QhEM+fJ/zxbjpQOyKdtdsdPmP2wHDW3Pny/wC17V0PgGcy6lODcCT/AETOPNdv+Wn+0KHsKaXKz0AY5+h70q43fn/KsjlBT8y89x3NID059O5oAGPJ59e5pWPzNz3Pc0ADH5uvp3PpQT057DuaAAn5V57evvSE8Dn17mgB2fk6/wAXr7UgPy9e47mgBFPytz2HelB+9z2Pc0AYni0j/hFdRywA8o8knHUenNR6jII/hmzbsf8AEujXIz3UDv8AWmi1svUqQ2+PDmnQJzJLsTk9M+1dn4IiDJe3GP8AW3cnPqAdo/lXXL4TuPTIABAv0rG8ZTeT4T1Bs43R7R+JAqUUeWfC25Evg9Y+8UrD+Veg2TbbhTnHNAnuX/EVn/aHhvULbGTJbuB9ccVg+Fp/7S+HUS55Ns0ZHXBxiqiJ7HKTOT4JmfLZGntzuwciM9+31qt4UkZvC+nnexzGOWkDHqe/euRnD0fqbJY/Lz29RQSdo57HuKRNwLHHXue4pcnZ/wACHf2oFqJuO3r6dxQrHaxz29R60D1FDtz8x6HvQHbd949+/tQIFdtw+Y9R3pA7cfMfzoAC7c/Me/elZ23H5j1PegALtu+8e3f2o3tkfMeg70ADO21fmPT196Te2PvHv3oAdvbZ1PX19qQO2PvHqO9ACB22n5j0HelDt83zHp60AY3iqRl8L6gd7DER5WQKeo79qzvEU2PhpbruO6aG3j5O7Odvfv8AWqXQ1h09S3alII7GSQKFgVpiD1ARSc/Tiu28EWph0OyUjDMgZvqeT/OuqWyOxHoCjCAD0rk/iHNjw4IB96edEx69/wClStxvY8j+ENz/AKLqFoT92QOBXqkJCup75oQS3OmTEkIzyCK4rwTGLFtc0hulrePsH+w3IqluLoYUdsLzQp7Lfs3rLb7gM7eWXNYkHg29toY4YfEN3HHHs2qqAABev51yt2bRw83K2mhw8I6ngA+J744AH3R/ez/9anP4T1Jg2PEt6M7sfKOMnj8qOddh+0X8oh8J6mST/wAJNfc7sDaOMjH6dad/wiupZH/FSXuAyHG0fwrg/n1o5l2D2i/lGJ4S1NdmfE98du3PyjnB/rQPCWpiJk/4Se+yY9m7aOu7dn8uKOddg9ov5RX8J6kzOR4mvV3FyAFHGcYH4Uo8Kaluz/wkt71Y42juuMfh1o512D2i/lEHhPUgyn/hJr7jZ/COdowfzoXwlqagA+Jr44CjO0djn9elHOuwe0X8oN4S1NgQPE18MhhnaOMnP6dKD4T1Isx/4Sa953/wjjcMD8qOddg9ov5RT4U1LeD/AMJLe9VONo7Lj9etInhPUlZCfE1820oSCo5xnI/GjnXYPaL+UQ+EtTMSp/wk99kR7N20dd27P1xxQ3hLU2348TXw3bsfKOMn+lHOuwe0X8o//hFdSyf+KkvcFnONo/iXA/LrTR4S1MFT/wAJNfEDbkbRzgYP59aOddg9ov5QTwnqShQfEt6cbc/KOcHn86Q+EdTIIHie+GQR90f3s/8A1qOddg9ov5RJvBt7cQyRTeIbuSOTzAyMgIIbp+XaqnjWL7F4e0bTRIXxcRR7iANwRTyfyoTu0VCfNNKxYeMz2bRrx5scduP+2jc/+Og16xocAjWJBwEUDFdMuh1nTDpXCfECUSX+jWQ/ilMjfQf5NEdymeJfDG9Fv4smgJ4mQgfhXt0R6c8UgZ0tg/mWq+1crcj+yPiQshGIdVtduf8Apon/ANaqW5Jgac2281S3PBivHwPQMAw/ma0K5Z/Ezgn8TCioICigAooAKKACigAooAKKACigAooAKKACuE8fSb9V0S2Xlg7ykZ9gBVwV5GtFe+jX0m2N1rtlCPuxK1zIB6/cX+TGvW9HiAG72rpm9TuNevNvEdx9r+IEUXVLWED2yeaI7g9jwDw5eDTfFdjcP90SbWx6GvoqNvkVh0IzSQ5G9pE2QUrN8dWzjRo9VgXdcaXMt0o/vKOGH5GmSjz3WNftLXUP7V05kliukDPGzYz6fQjkVUX4gWvHm2My+pVwaipTbd0YToOTuiZfH2mH70FyB9FP9aevjzR2PzLdKPUxZ/lWTpyRm8PMU+PdBH/LWf8A78N/hQPH2gHrcSr9YW/wpckhewmSL468OHrf7frE4/pT/wDhNvDh/wCYpF+Kt/hS5WL2M+xIvjDw83TVbf8AEkU8eKtAP/MWtf8Av5RysXsp9h3/AAlGg/8AQWtP+/gpf+En0L/oLWn/AH8FFmHs59hD4o0Ef8xa0/7+CmnxXoA66ta/9/KOVi9nPsRt4y8OqcHVYOPTJ/pUZ8b+HB/zE4/wRv8ACjlZXsZ9iNvHnhxT/wAfxP0ib/Cm/wDCf+He13IfpC3+FHKx+wmMPxB0Ls9wR7Qmm/8ACwtE7C6P/bE0+SQ/YTIz8RtIB4t70/8AbL/69Nb4jaaPuWV63/AAP601TkP6vIrTfEePYxt9LnZsceYwAz71ztld3+veJlvbzaspwkagfKi9cVpCm07s1pUeR3Z6f4Kt/PW61LtcOEiP/TNBgfnyfxr1HT49luPWqlqzbqWj0yTXkVhdHUfGOo3y/MrysEz0wOB+lVDcGeBXAMVwSp5Vsg5r6G8MagupaBZ3AOSYwG+o4pdRy2Ok0+Ux3CnOBmukljjubd4pVDRyKVYHuDTJR8r+LdJuPDPiO70wlhGjZhJ6Mh6f59qx1uCAA5yR9apMsk+0A4yowD6mlEoK8Zz9aYD0ddufTjJNPDIW5yPQE0BYXKbuQcn2pQFfjAz7iiwhdqn+BPfilWJOpjQH3HWnYdxfIi5JiXB9qURRDgwx+nSiyFck+zwYP7tMj2pFtoGOAqn3xRYB32ODP+qT8qcLaASECFDj0FFkA/7KnGIup4GO9PW1iyMRhSR6U7ICb7IgUfICD1wakFlGDgbWPXBp2EONpED91WHtU32OILlkA+i9KdkK4otbcLgoB9RV8WapaJBbrtur9vs8WByi/wAbfgP50paID1jQdPS0t7e0iXEcShQB2Ars0G1AvtXMNGf4gvRpugX12TjZE236ngfzry7wkhj8tzj5+Tx1NawFI8Jvv+PuT/er2r4af8ijF/vtUlPY7aL7y/Wusg/1CfSgk8K+OH/IzWH/AF6/+zGvMB95aC1sN7/8Cp/+FWMkH3vwq6v3f+2Z/lTAT/lkfr/hTB/rG+lBJLD90fSnfxj60AOm6t/u0i/6tPpTAcP9Yfof5UR/65aALMfT/gI/nVhfvSf7tADI/wDj5/CpIv8AWCmBcTq/+9TE/wBe30pkjh1b/dqb/lnLTExYusn+4a2NO/5G7Sf+vWX/ANCqJ/CM9a0f/XCujrnGjlviL/yJl19V/mK43w191Pw/9BFbQ2YpH//ZAP/hMehodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6eG1wPSJodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvIj48eG1wOkNyZWF0b3JUb29sPldpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQ8L3htcDpDcmVhdG9yVG9vbD48eG1wOkNyZWF0ZURhdGU+MjAyMS0wNS0xN1QxMzo1NTozOS42MTE8L3htcDpDcmVhdGVEYXRlPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAMCAgMCAgMDAwMEAwMEBQgFBQQEBQoHBwYIDAoMDAsKCwsNDhIQDQ4RDgsLEBYQERMUFRUVDA8XGBYUGBIUFRT/2wBDAQMEBAUEBQkFBQkUDQsNFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBT/wAARCAHEAtADASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwDgv+CdeiRXnxLvZWgV0t4q/RC50exmi/1Efm/3dtfCn/BNnTXfxBrtyrfdXZX3m6KmxpWaF2/jT+Kgip8RRh022RV822Xf/D8ta2j6PbR3Xy20f/fNUUh86XzdzTSrWxpSSvPu+Wr5jI2H022feywR/wDfNfNv7bcNtbfBbW0WJUdtu35a+mv4fm+/Xy1+3tcxQ/BPUJW+/wCaqVBUD8qnsNi/N8lSw2CpFuVvnWpbaGVpW3fPF/t1oR237p22qif367IxOsx0RblkVl+987U+aH90jStvRW+VK2JtEltokn+X7Oy/8DqvYWfkyurRb4m+7vrQkis/Ne3dfIX/AGflq1bW8V4svnxKj/c+7WhDeRWzf6r979zfT7mzlf8Afq67P4qXKHMYj6UyLtWJfl+69TWth+6R9q793ytW7DYf2rcI7N9mi/hSi803YzxwKrp/fphzGJbQxQy7ok2J9xnqa503Zvng+5/frYttNtrNreLb5z/xPWlePFc3XlQQLDbqvzJ/t1XKQc/Do7PLEsu1Eb7z1E+jxJdP5v3P4Xro5oV+RYF+eobnTWhuNrK3+1RyhzGLDaskXkNGu3+/sqW60eKzaKWdv4f4K6Ww0pvK81ov9E/v0X+mrcvE3kfdb7n95aYcxz9tbq6/uF+RqsTaC02xVi2RfxV0CQxab9oi+x/637r/AN2m2dtO9q+6VvNb+CgOY5/+xIIVdVXe6/dqGbTVVU3wf7z100Omy+a8s673X+5W0kKtbpFAqzbvvJVAce+iWyLb7YlmlapptBtrO1eXbsf+FK2LzSmsNjSqybv7laEOjtqFrtlbzkVt60cocxyn9myvYJKsH3qpf2JL8jeXXoUNgrxeQ0rI/wDCif3qitrBdv73d5v8VHKHMYU1hLNBbq1nHsVdm/bUNno++6l8qJXVV/u11z2E7tbssq+VKv3P7tOh8PSwyy+VLsTb/wB9UcpBxVt4e2M8+35Fq7baD/aXzRLv2/P/ALtb1nokty3lSK3zN/BV2wtm0q4l+zbvm+RkdavlI5jkrnTZLxYoGg+SL596L96rFtokDtE07fd+6j13E2my2dnFcxrsi3fNVFNHi1K8eX7nlLvZH/io5Q5jn/sbTS+VFB8lV301YbhPl8n+Bq7iw+ZdkUC20X+3T7+wSGZGis/O3L9z+9V8ocxyT2C2bbl2vt+7TE0ffE8ssS7/AL9dg/huB1SVYGhlb7yvVS/0pkl81W3/AOxRyhzHP2aS2dm6yxK6S/7P3amfw839mws237O0u/ZXRPok9zFFeLtSWX/lj/BWxN4eW8s/tPn+TLF8n2f+D/fo5Q5jhUs1815WVf3X3flq6nh6LXrf5Yl32/8ABW7qWlNcxJK0Tb4tu5P71LNDLZypLbLsuG+9Ryh7QxLbRLOHyop1/wBLpj2EW1454F81m2K+2uj/ALNg+ypK0v8ApDN83+zRYabsv0ln+d1+66/cajlI9ocukMU0qeaqo/3N+2rE1grb4tqui/d/2q6j7HA6vK0EaPu/75qpc2EUMW5WX97/AOO0cpftDCvNNge1tFgttkT/AOtT/bq6+i6e62n7pUfds+SugfQVvLWLyJ2mf7mxKYmjy7YlaBXf+H/Zq+UOY5W80GWGV/KiZ0b5Pkq7YWcSb/Ps98qrsX5a6iGaXTbhEVv9Hb+Db89PuXl3bvIXYzbNiUcpHMcpbabbPeOstns+X91/s1YTRLHdF5S70b71dnf/AGa8s9PWLbCq/JK+ys97NdK+bd+63fcSjlCUjHmsFs7pFjgV4lWpbPSp3ZJWijSJmb5tvz1tzabvlSLczo3z74f4asfY1+0RLBLJsZfuOv3qI0w5jmf7BW5WV5drys37r/ZqK8037f8AumiV3/irpb/TYvsfmrueWL5GSiG23/6TEvyKvzf7tXyjOa/sGCwit3l+5/cStC30ez1jzZZV2SxL8lad/a+TdJ9m2vE33d/8NMubaeG4SKf+79yGr5SDKhsIEbYq/wC8laF/prafdRRWyxpEy71fb89aU1g219rLC8Xz/OvztWfbaU1/df6ZeSIjL8uyjlFzFez02C2WWWD99erRc6IqKjJbLNe7fuItbelWcVtcRRQNvdfkaZ/uf8Dqw8Pk3Ds07PcP8i+TRyj1OaRPJZFns1f5tn3asXOjwfY5Wig+Rpdn+5W6+2SL7NK3+iff37fnZqZqW6TS0WJfJ3N8yIvyNT1DUxbbR1h2zwT7EiVkVKdc2EU1nF5UCp5Xzs9dQ+lafDpdpEz7JZZdjO/92sLUrZYdU+yWM7PF/t0ahqZmq2EU1um1f9a2/f8A3avQ6Cthq0Us8Ub27Qff21pXl5Z/YPIltv8AS/N2fJ/DU3nfadJezVVe43bN/wDdWjUNTMTwxaXmpRWzKv3v9dTH02zsN9t5fnXCt/30taf2a53RWa/PcL/y8PQ9ms1x5Xnsjr8jTVYamenh6KZrKWDb9ib/AFqJ/C1GqvBN922WGKzbeuxfvNW1pVhbaVeTWfm7/wCNdn96o7x76zun/wBRcqzfMm35KA1M62toJrpb5oF+xL88u9a2Jrm21L7Xc2dnHD/d2L/DUVhD9pXyPKX73/AKu+Sz3X2OKVbBNuyVNtAakVtD9pitItsdzcSt/d/1S0/VfDEFtFcTrZqlxEu9v7+6tq18KrYabLKuoRzebtfyU/hos/kuElvrld7fwJ/Gv9yo1DU5/R9BabUEl83e8sW9nrWtrlZrB7O2gj3+bs+7TpnWHV3ltv3Kbvuf3V/2K0Lm/wBIub957NZLOKKDY3+01GoalK/0pYbdIpYI3iX5N7r/ABVbhSW202L5VdF+78v3aqaV4hiuX2/unib5GSb/ANDrdh0qxms3s/Nne4Zti72rPlDUz5tSuU020s2WOaVm+aaZfk20eIU0Ww02WzndXu2lXdsp+t6VeTK+nrcxwxWsWzf/ALtef629z5r325ZkVdmxvvvUcoanV2aaU95afZv9J8qX5ty11v7RH2bVf2ZNb2wR74m/gWvL9H161miRYv8ARpf+eKfxV6L8S4VvP2ZPEqsrJt+esanwi+0Zv/BN+2W8+Et6sqrNtvG/h/2K+3dN0qz+RfIj/wC+a+H/APgmP5X/AArTXf7633zf98V916b/AANXgyOmWx0dhpVntT/Ro/8Avmrv9k2f/PrH/wB8VDYP8tXt/wAtbRAqf2VZp/y7R/8AfNeBftmWFtbfDT7SttHvib+Fa+iq8K/bGtvtPwg1DavzL89XT+IJfCfGX/BNa2ZNN8Rz/wAe6vsp/wDSbpFlZkRVr5H/AOCblt/xR+sT/wAbS19cTbnutv8ABUBL4iZH8nftZq2NE3ebt3Vkw/IrrtrY0H73zfcojEk6D76/7FfJv/BQL5Pgnd7tv+vWvrXZsV9tfHn/AAURf/izsqs3/L0tAoH5v6bMv2dF273b71dHZ6V9vi81V+T7myuZ0GNvNTd/wGvW/CulLcxIysrvXfA6ZGL/AMIZc20FvLKrPFtrnNe0S5s7hFV/kb7te92fh688r7NK295V3qn92qniH4e74orRYpHuJfvOlbRiRzHiVhoc7y7fL3v/ABVsf2Us1v5Cq3y/JsSuw1L4daro+qOttbSQxbf++qsW2g/2JLtZmeXb5rf71EYyI5jjIdN3r5XlN/o//j9W4bN/s+6Bdj/3HrsLa5WGV7zbHv8AK+ZK5ya5W5Z7ncySs3zJRyoPeM+5himWF/I2P9ytCHR1S33bf3rfI1P87+0JUXf91aR7yBNm1m2f7dHNECZNBVIklaLZtbe2yorzbcruWBkT+LfQ+twWdw7N86Muz71VLzxDbTS7lb5V/go9pEDVhhlhtUiZWT5flT+9T9N0dryJ52/5ZfeSsJ/HMe3a33F+7RN4/i+7Auzcuxv9qj2lMiR0SWEvyMyR+V/t1LeaPBCyL5qu/wDsVyT+PGRUiXa6LUVz8Qp0XZFEv+/Ue3pAdhptmqNcRbdm5d7O9N+xxw/6htlcT/wn98+xfK+X+L/bq7qXi28v1t/7KsZJnX/W7Fo9vSC52d4izNtX98i/eerEMMU0sUsUTQ/wf7Fefw+KvFFndIy6eyS/wwvB96n/APCVeOHZ1+wyJEzfcSClLF0hafzHdJZwWF/E07NsVqsP5Vz5qqv/AAOvMrzVfGdy3my207/3f3FS2cPj3W7jyLaC5d/7nlbKn69SJ9z+c9DXyIWi8hfnWrcyK9un73/SN2/Z/dWvMdY8N+PbBka+tru23fIuxaiufCXj/RFS+nivkil+6+2o+vRF7n8567vs7BYm3/e/ufw1XeFrZf3S70Zt+968tsPAHj3Vbf7TBbag6NV3/hXXxIS38r7NqGyr/tCJPufzHpDuz3Vv8/nK33kSrHnQTXm2K2+7/B/eryS58E+PbaKV/s2pJ9n/ANb/ALNVdN8J+OtauGazi1Kbb97+Cj+0Ihz0j2q5uYrm3/1Sw7f4N1NttVihVGWVflXY2+vP4fgP8RprB75ornZt3+S8vz1yNt8PfGepXlxBBY6g8sX3k+f5aP7Qj/KEZ0pfaPa31tZryJZLldm77lW9Q1jTHtUWCVU2t/erwn/hV3jF7z7H/ZmoPe7d+z5/u09/g/42e48j+yr7zfv7Nz1H9oRFz0v5j219bgew2xTx/N/tUttr1j9l+zfaY9/992rxT/hTPjj+HRb7/vqq83wc8ZwtEraRfb2+7R/aUQ56X8x71bXls6yrPeRvui+Xe1CTWM1mkUssf2hW++jV8+p8N/GP299PXTL77Xt37Pnq0nwx8cQ2rzrpl8kS/e+/R/aUf5Q56X8x7defuZfm8vym+ffupkO11eWK5VE+4qbq8fh+Gnj+8t0ng0y+eJl+Xc1MT4V/EFf+YVfVX9pQD2tI972RW0W25WOa3Zf71ZkNnbfaHaKddi/wO1eFQ+C/HUy3Eq2eoOlv/rfv/LRf/D3xxpsHn3On6gkTfx/PT/tKP8oc9L+Y+gHvLa22NFPGj/7DferTurxUt7eVrmD7v8DV8yal4D8Y2EVu15p98iSpvi+/Vuw+G/jPUtBvdVtra7+yWvyS/f31H9of3Q56X8x7w+t20PyytG6fw/NVi316zhRF81Xdm3791fOn/CvfGc2m/bP7MvfsX9/56z49B8Q7nVba+3r/AAbXq/7Qj/KXHkkfTrzW1zb3f71URmV1XdRNeb7hPlWaJV/vV8y21n4l+0PAsV9vX+BN9dEngn4iJFEy2OobJ/u/folmEf5SZckT3jTb9Xb97Ls3f+O1oWd/Bc3CNeT/AL2LcipDXzbqWg+PdEZIryz1CF2+79+obZ/GcPzRQah/3y9X/aERe5/MfTfmLNeeRArO7LVTUkbSv3X7zf8AxbK+ck1Lx0knm/8AEy3r/svQmt+NpleVv7Qm3fx7Xpf2hH+UuLgfSe+VLVJ12+VEtE1zPDa/bJYv3Vw3yvXzJDr3i91lkVr6aJfkZ9r7KYnxF8VW0XlLeT+V/dp/2hH+ULQPqO21SJLWVZYt8v8ABTJtSitpYniX51/gr5d/4WJ4l83c9zPv/v1KnxU8Q2zO25nf/bWj+0Ihyo+qLy8gttJRom2fam+ZKZYa3BZ2rtLFvfd/rv7tfLv/AAtrXn+ZmbZ/cq0nxp1pP+WS7/8Adq/r0ZD5T6evNY+0yxQN5bo3+qetC8v/ACWt1uVVEs/ka3f+L/br5Xh+Nmobt08G/bVqT48X00qSzwedKv8AG9V9bphyn0RceQ0qXO5vll/4Aq1rabNpkKy3iNHc3Ct8tfNMPx7nhgdWiZN33qis/jZFbN+6g2bvvU/rdMOWR9K3L6Y9rcSsv+kNL9xP7tRQvZ/Y3g3eTE3z/wC3Xz/D+0IsLfLF8jfe309/j3A8qN5S7KuOLphyn0RptzZ2bWiNefaYmbYvy/OtaEP2b7Q8Sxf6pt6vXzk/x1s7lfurD/cdK0rP48WzsjTy/d+9/tUfWaf8xHLI9w03VbFNUu4vsO+4lbYs1GpTWt432ODdv/8AZq8nT466ZYSxTwSq8q/Or09PjBpF/Fceaypds29Zkb7tae3pj1PVbPSvJureJt1m6/ed60E+zXmqXEFzKs3zbldP4lryK2+JEE0XzX3nM33d7fdrah8ead9v89tqO0S7vmqvaxDU9De8/s1tQiRVRJYlSJEq7o9tB9nigubZppZYt8Tp/DXm8PjmJ5bj/TI/3q7Ik/u1NoPjC2s7+3invGf5vv7qOeAuU6280rY37jzLmW3beqQ/xVFrGpaen+jQW0n2u4VfNf8AgWsG88cxQ3Uq2c/kvK3+uqvD42tpJZbG6XzreX5/O/j3Uc4csjev7a2s7q0gVW2Sr9+uytrBbnS4trSQy2/73zn/AIq8v/tWXUreL7NKqRWsvy7/AL9dheeJH0HS7T7Zc/bJfvqn92olIepj+JPEMv29IPK2JdMz/aHavMtV8QtMz2PmtvWX76U/xD4qnT7XYyRb0ll3q9ZmmzRIsv7j/SFX5f8AarGUjXl906Xw9NPZ3kU/lbH3bN7/AH6948VbtS/Zr8W+e2/bF8tfPWj6reTX/wBpXbvr3ia8X/hRnjNV++1rvZH/AIaJfCY/aML/AIJiXP8AxRHiWL+7ef8AslffWm/dSvz3/wCCX1yr6N4tg2/8vS1+g1g//fFeDL4jpZ1Vhv27qvVR03/VJV771bRLDzK8k/aitluvg7ru7+GJnr1uvNP2irP7T8JfEC7d7+Q1XT+IiXwnxp/wTu037N8I725T/lrLX1N8ryovzO9fPP7AdskPwFt2lbZuavoOFJZpdy/fX72yo+wRIl+Z9+2tbRNzy1mJNvV9q1t6D9/dtVKiIzaf5PlZa+Nf+CjW6H4Vea3/AD9L8lfZu/5XZm/3a+Kv+CkFy3/CpYl2/I14vz1cRR+I/PHQdz/Mqfdr2PwH9ptmt2giXf8A7deReGVbb8v36918E6Wty1u25t8XzN/tV30zaR738N/DEviRkn+w/vd3+uf/AJa1714b+FcGtrK0unq9xarsVErmPg5YrNpdoqz7PN+7s/5ZV9L+DLVbO3dfNV7j+J0q6kuX4Tm5Tz3xh8KND0Tw/Lc3kUCWkUHzb/v1+Znxs+LWi2fiC6g0OJUt1b5X/jr7F/4KQfGhvCXg+LQbG+8m9uF/eolfk1Dcz6rePLJufc1c0q8jQ9Nh+JV5M3ywK7/7dbelJ4x8VKjWOns6M2zekXyV0f7OvwEb4o3FxeXNz9j0ey2pK6fO7N/cr7d8N+EtM8JaXFp+n2ywxRL/AHfnavLqV+U8zE472UuWJ8ZXn7P3xGTTYrv5XaX/AJYp99aNH/Zs8e620qy/6H5S/wDLVvvV9y0Vy+3keb/aFU+R7P8AYw1e/tUa+8R+TcfxIkW+rH/DE8//AEMv/kD/AOzr6woqfbyMfr1b+Y+VE/Ynl/i8Qr/34/8As677wf8AsqeENK0byNas11W93f8AHxudP/HN9e20UpVZESxdeX2jxrRP2UfA+lXErXMFzqSN91LiX7v/AHzXRab8AfAWlXSXMHh6PzV/57M7pXodFRzSIlXqy+0c5/wrvwr/ANC9p/8A36q9pvhPRdH3/YdKtLbd97bElatFMy55lJ9B0ya4WdtPtnlX7r+Uny1L9gtv+faH/v0lWKKgLsr/AGC2/wCfaH/v0lPSzghbdFBGj/7ColS0UBqMmhim/wBbEr/7676HhimXbLErp/cdafRQGoxUWFdsSqif7C0+iigNRmxX37lX5vvfL96iGGKH/VRRw/7i7KfTXdU+9QGo6mRwxKzssSo7fedFoSZX+61PoDUbsXzPN2rv/v7Kds+bd/FRRQGoUP8AP96iigNRnkxeb5vlL5v9/b89P2Ls27V2/wByiigNQT92u1V2JRRRQGoz7NEm/bFH833vloeFZl2squn9x1p9FAajHtoptnmxRvs+7vWmpawIrqsUaI33kRalooDUZ5MXleV5a7f7m35KrppdikryrZ23mt95/KWrdFAXZSh0HTIbqW5i0+2S4l+8/lJ81Wti/J8q/L935afRQF2RTW0U3+tijf8A3130fYLb/n2h/wC/SVLRQGpX+wWb/wDLtB/36SmJo+nwxeUtjbJF/c8pKt0UBdmZD4b0i2t5YItMtEilbeyJEnzVS/4V34V/6F7T/wDvxXQUVYc8znP+Fd+Ff+he0/8A78VXm+FfhCaXzW8OWO/bs/1VdXRS5i+eZ5pc/s3/AA+mWX/iQqjt/Gkr/LT4f2efACaalm2gxzIv8bs++vSKKOaRXt6v8x5fN+zT8O5o3VdBVH/v+a9ck/7Gfg7d/wAf2pf99J/8RXvtFHNIca9X+Y+fH/Yt8HN/zENU/wC/qf8AxFYut/sSaU8qf2Vq8kMX8X2hN/8A6Bsr6doo5pFRxdeP2j5fT9iHSv7LdZdXk/tDd8rov7r/AL4rFm/YYba7Lr0e/wDhTyP/ALOvrqir9pIv69W/mPh+b9irxLufbLabP956x9b/AGP/ABZpsSMsUFzu/ghavviij2kjb+0Kp+cWpfszeMdNi81tMk2M2z5GrJ1v9nvxjonlNPplz+9+75Nfpm6K/wB5aY8Kv95Vf/fWr9vIuOY1D8pX8H69bM//AB9pt/2XrPmtvEdmu5rm7RW+7vr9WJvCukTK+7TLZ933v3VZl/8ADHwvqtvFBc6LbPFEu1flrf60dP8Aan90/K//AISHxHYfP9sk/wCB0P4/1923S3Lb/wC/X6PeM/2Y/Bni2w8qKz/s24Vflmt68G8W/sMa5DZvLpWoWOpS7/lt/nR9tbRxMTpp42nI+Yv+Fr60mxWnkdFrb0345Xjsizz79v8As0eOfgn4j8E731XSJ7OJX2ec/wBxq8v1DSmhZv4HrojM9KFSMz6V8JfFSLVf3G7yZW/jRvvV6hJ/ad5Zp5qyTRMv31/hr4f0HUp9Nv0Xd/F8r/3Wr9E/2b9eTxt8Pru1aWNLuKL+Na6Y1AlynmieRuSBrad0Rf46zLn7THdblbY6rs+T+7XfeM0l02/iilijTavyzIteczXMs073O1k+b7lbhE3vDFy0Nx5DLvRv79e+6DbS/wDCofGX3X3Wf8f+5Xz1ptyyXCfxu1fRHhW5+3/B3xhBPEyPFZ/K9a/YMpfEcv8A8EwX/wBD8Wqv31uvmr9ELD59lfnP/wAExPkuPGf/AF3Wv0S01ldk214kviNWddpr7FrQjrM035K0K2LJfLrh/jNbfafhvrsW/wD5dW/9AruI65X4oor+Add/69X/APQKuPxkS+E+R/2JLD7N+z7pX/TVd9e1JuhZ1Vvn/wBivKv2TtsP7P8A4cVfk/cLXqqIzsjKv+9WPvESJoZmRfmaui0H7tc6n+tdVXfW14b27dtERnRP/qa+IP8AgpHMyfDK1i/vXy19wO/y7a+Gv+Cl3yfDfTNrfP8Abl/9AqxR+I+FPB7s6RW0S/PK2yvePh0jQyxRS7neJvuf3q8E8Hwy3Kp5Tfva+hfhLc/Y9kv+udl2b3/hrvpnTI+vvhLCv2iygb/Rkb96yf32r6d0G2T7P5+3Y7fwV80fCuGW2a0vG2+bLF+4877619H6DCz6ajMzb/4t9EpHHI/Kf/gprr0t58WHtm+4q/LXyf4P0qW/v7eCJd8srbFSvfv2/Nb/ALb+N17Ft2eU2ysf9lTwHF4q8fW/n/6qzX7R/vV5teRjVlyUuY+0vhF4Mg8DeBdPsYoFhuGiWWfZ/E1dnRRXjnycpc8uYKKx/Fviqz8GeHL3WtQfZaWsW99lfLc37dGtXjXNzonw6vdU0iH716rPt2/98URjKZrToSq/CfXlFeSfBn9o3Q/i54c1DUoomsJbCLzbq3f/AJZV5RrH7c1zc61dW3hHwRd+JrS1ba1xEz//ABFX7ORccNUlLl5T6yorx/4D/tGaV8bLe4iitm03Vbf/AFto/wDDXsFRKPKYyjKEuWQUUUVJIUUUUBqFFFFAahRRRQGoUUUUBqFFFFAahR5dFFAahtWiiigNQooooDUKKKKA1CiiigNQooooDUKKKKA1CiiigNQoryr9oT42P8DfC9pq66Uuq/aJ/K8p5dm2ut+GnjNvH/gvTNea2+xveRb/ACd2/bVcvu8xXspcvMdRRXgHi39qSTwx8crT4fLoKTLPLEn23z/u7/8AY2VpfErW/Fln8XPDltpXiXTdN0SWW3+06fcToksvz/PtSjlkX7CX2j22iqmpaxp+iW/n6hfW1hb/APPa4lSJP/HqzU8f+F5rV7mLxHpL2i/emW+i2L/wPfUmXIbtFeT/ALQPxCufDHwZ1PxH4X1OB5YtvlXdu6Sp9+ud/Z1+Nia38KLXWfGevWkN1LK6edcSpFuquX3eY19hLl5j3qis/R9e0/xDa/adMvoL+3/57W7b0rQf5FqTLUKK+cPiL+2LbeG/F0vhvw14cufE+qxf62GLd/7Klc5/w21rWg6laxeKvh5d6DaTttWZ3dv/AGStPZyOiOFqH1lRWZoPiGz8Q6Hb6rbN/olwu5Xf5Kpf8LF8JpdfZv8AhKNG+0f88ft0W/8A7430jn5JHQUUxJopovNVleJv40asK8+IXhXTbjyLzxLpNtcf88Zr6JH/APQ6gXIdBRVez1Kz1KBJ7O5hubdv+W0MqOlZqeOfDTtKq+IdLd7f/Wp9si/df7/z0D5DaoqpbarY3lgl9bXltc2TLvW4hlR4m/4HWP8A8LI8J/aPI/4SjRvtH3PJ/tGLf/6HQLkOjopkMyzKjRMro33XWs/SvE+i63cSwaZq9jf3Fv8A62G0ukleL/f20D1NOiivGvjx+0lpXwT+z2bWbarrE/8Aq7RP4qqMeYqMZTlyxPZaK+TdH/bmurfW7W08XeB7vwxb3TfLcTO//s6V7l8RPjT4e+G/hm31fUZWdbqJXtYU+/Luq/ZyLlQqRlynoFFfNvwW/a8k+Lnj6Xw43hr+ykX7srT/AD/98bK+j5tyL8tRKMofERUpyoy5ZGL428Gaf480OXTNSiV4m+6/92vgT42fs6614Duri5+zNNpW791dpX6J21z9p3/KybaqeJNHg8Q6He6fcxLNFcRMm11q41eU6aGJlQkfjlf2bQy/d2bWr64/Y88VMmpPpDLviuP++68M+K/g+Xw34m1CzZdnlSsldx+y7rFzpXj6ya2bY6tXqwkfVRlzxPrD4i6UumtetF5c2mK2xf79eFX7wO0sUG5HX56+jfiXNeTM8UrQPaMu/ft+dq+atVvmh1R4oIvs1vu+5/er0olxLGiQz3N1by/xq9fRvhWZrn4X+MPK/wCfNt3/AHxXzpptzsuNsTN96vpD4cvE/wAKvFG7/WrZt/wKtub3SJR944r/AIJj/wDH54zX+Pz1r9GNKT5U+Wvzn/4Jmv8A8TLxr/13+5X6K6a/7pPlrxJfEXI7Cw+etDy6zdN+6laVXEvmG1ieOU87wlrC/wB61b/0Ct2srxPD53hzU1/vQNVkSPlz9mywWz/Z/wDC8H3JWtVffXfQ7n3q1cv8E7Brb4QeF7ZfvrZr/wCgV2EMLPcOv3NtXEiQ62f761t6DDs+ZfuVhI7/AHW2766Lw8ivFto5STWf+Ovhn/gpfNs+HemLt+9eL/6BX3K/+pr4a/4KWQ/8W50r5f8Al+X/ANAeoKj8R8JeEtybF+ZHr6T+GKQWdxFtbektfPPgmFppYtrKm75Pnr6T+F1gv2qKBpVS3X7s1elT+E6ZH1b4Ghi1K909tzebEuyKvo7Sv3Olu0/39vzfNXgPwctokupfPbY6rsi3/wAVfQFt+50t/wB18qr/AN9VEviOOR+Kv7Xt0t/8cdYaJt6LK1e8fsT+FYrbwjqeubleW4n8pU2/d214D+0/tm+N2u7V2J57V9XfsnaDc6D8JbRrldn2ydriL/drx8XI83Gy5aR7LRRRXlnz2pX1DTbbVLV7a8gjubdvvQzLvRq+a/2hviynwdsbnw5ofgiSW3vIGVri1g/dRV7p8S9S17R/B97eeHIFvNViXfFC6/er5Pm/bM1eHRL3RfF3gy5m1plaL9zF8ldFKJ2YWnJ+98Qfsx+A4Ln4X+OL7T9TW51XVrVt1on34q5P9lX4veGvg9p+vaJ4sgks9SaVtu6Bmdv9iu3/AGMfAfijSr7xV4onsZLC3vIma2t2+4zVy+vfGO20HxbqcXjr4ZQXmqqzJBcW9qlbfFKUT0m+aUo/EZv7LviRdS/ak1W50+BrOyut/wDo7Lt2pX6D18e/si/DPWr/AMfar8Q9a09tNjvF2wQuuz5a+wqxrfEefjZRlU90KKKK5ziCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigR8tf8FAn2fC/Sm/6em/9kry74W/tgeIPB/gXStIh8CanfRWsexbiKJ9jV6z+3zbT3Pw00pYImmf7Z/Av+5XqH7OtmifBvw0ssCo/kfNvX/brsjKPs/ePVjOMMPHmjzHwzZ/EK7+Jn7VWha5d6ZLpMst1An2eddrr89evftJu3/DW3w8+b/lvZ/8Ao2sH4qabP/w21pUsds3lefb/ADIvyffro/2kLOeb9rL4eyxQSPEs9nudU/6a1p9qJ0ucOaP+EyP2xta1Dxh8atA8ERXkttp8+zzURvvPTP2nvgDpXwu+EsOpeH57mH50SeJpfkatD9sjwVrXh34maH8QdMs5Ly0tdnm7Frmf2kPj3d/Fr4Rw21jod5Z2MTq89xKvybv7lTH7PKFO/wC75fhO1v8A/kw2L/P/AC1rmP2dv2e9O+J3wXuNV165uXC70ghil2Iu2uquYZbn9g+JYlZ3/uJ/11ru/wBkK2ltv2d3iljZH/e/Iy1PNyxMZSlGnLl/mOF/YEvLyz1jx14fnuZLm005ovK3t93dv/8AiK+xHTcrr/er4+/Yfs57b4kfE9pYJIVZoNu9f9t6+v7yFprWWKJtjsvyvWFb4jjxX8Y+F/GHwl+IPwW+MF7418Oad/bFlcOz/wB9/mro4f2wNKv7q3sfH/gWSzVW/wCPi7g+TdWfqXxa+JXwK+JWpS+JbO+17w7cN+62fPtT/Yrl/jT8bP8Aho/R4dB0HwTdw3rP/wAfEsX3a6eXm+I9KKUuXmj/ANvHqf7WXxci0n4M6P8A8IhOsNlq0ixrNb/LtWqPgn9jnQ/FvwtsryW+uYfEV1F5v27zfutVL4lfs769ffsz+H9LigabWtJb7Q8P8bf7FUfCP7W+p+D/AIf2/hxfDV3N4otV8pVdPk3UfZ90xV/Z/uDtvinN4h/Z2/Z1urB9abVdT3+TFd/3EeuP+A/7Meh/EX4Xr4h8Sz3N/qt4vmpL5v3K7vxZ4Q8Z/Hr9ny6j8RWMdh4gk/fQW8SbflSvMfhR+0bffBnwQ/hDxB4cvv7Vtf3UW1aiPNy+6Eb+zly/EP8A2T/FOq+Ffit4n8B3N5LeafAr+Vvbftrzn4V+AJfij8ePEugz3kltpjzyyz7G+98/3K9e/ZR+F/iG88aeIPiHr1m1n9vV/Khf+KsH9lewuYf2kfFEssEiIzS/O6f7dbcy941lJRlUlH+U1v2ttdf4NfD/AMK+AtBup7PT2Z1lmRvn2b9//s9cSqfBhvh2kS3Oqf8ACS+Rv+0fZbj/AFv/AHxXt37avwf1Px5oela1ott9sutLlZ2t0/iX/KV5ton7QPh7TfB9vpTeAmm8SxReVseD5Gaoj8JFOSlTjynpf7D/AI51XxN4L1PT9V853sJ9kD3CvvaKur+Bf7Os/wAH/GXiXXJdXXUl1bdtiRdnlbn31sfs8f25eeFZdQ17RbbRLu4ffFDbxbPl/wBuuS/Z1+OXif4oeOfFuka5Yx21ppe7yGSLZu+fZWMub3uU5KnNKVTlPoKvLfiF8GvBWveJYPGHiM/v7FN6tLLsRa9Sr4S/bg+K2uTeKovCdtHdpo6fPc/Z1/1tZ0oylIww1OUqnLEpfGbXm/ae+I2meGvCFiz6bYSKkuoJF8n3q+xZvhXoupaXoUWq2y3kul2qxRb/ALnypXyV8K/2qvBnwr0S30zSvAuqI/8Ay1m8v52avf8A4kftLaf8PfD+ianc6RfXKatB5qpCvzr/AL9byjL4Ttrqp7sYxPn/AOCdrHbfteeIIolVIlnbaif79fddfmV4A+N0HhX456r4zn0W9eyupWdYUi+ev0K+GPj+D4l+FbfXLa2ks4pW2eTN9+orRM8bTlzRkdXRRRXOefqfIn7avw3gt7ey8S2dsyfaG8q6f+D/AGK8P+ANyum/EbT933K+4/2iPCv/AAlvwl1uBYGubu3i+0QIn95f/sN9fC/wiRrb4kaZ8v3WrvoS90+jwFTnpn2h8XbaddJt7y2lghRl+5ur5vv/APSdSfz12fNv2JX0R42mlm01/Ktme3aDez18/wCvWqrsuYJVe3l+7XtRPViP0tN9+kS/OjNX0V8PUiT4T+MG3M6fZW21826I0qN+4+fyv46+iPhjqTP8LfGfmr8n2Ntr1v8AYIqHM/8ABNC1b7f41n3fIsqpsr9GNEmWaKKvzn/4Jlbnv/Gbff8A361+jelKvyMteTL4i5bHUab87VqolY+m/wCsrW8yrCI6s/W036Te/wDXJqveZVTWP+QXdf8AXJqAkfPXw0+T4X+Glb762cW7/vitp/3kXzfJWV4MT7N4N0RWX/lzX/0CtDZ/CzN81XEksQuv+q/u/drpfD0eyLdt+9XNQ7Ybh9v775a6Dw9M23ylolIg6CSvg/8A4KZbk8B6P/1/r/6A9fdv3Gf+/Xw7/wAFNf8AknOmt/H9uX/0B6iJUfiPhzwTNsZJ9u9/ubK+lfh3YNc39usDb/70P92vmzwHbfaViRm2Jvr6p+DMfnXCLF8js3/fS16VM2qcx9m/DXSlh020VVWaJV373+/XrdzeRQ6HcSxL86xNXm/wr02KFbdZ2+dvmX/ZWvQvEKeToeofNsTyG+espfEc5+KXxp+0+IPjhqq/fllvNi/9919++GLN7Dwzo9sy7His4omT/a2JXwP4nf7T8dZZVbf/AMTH/wBnr9CIf9Uv+7Xh4r4jw8y+yPoorI8WeLNN8D+Hb3W9Zn+yabZrunl/u/Ps/wDZ64TyNTXpvkr/AHVryfSP2qfhxrkGpzWWurLFptt9qum2fdi3om7/AL7dKbpP7VPw21yPUJLLXVlWwg+1T5T7sW9E3f8Ajy1XLM29hV/lPXKZsV/4VrybSP2qPhtrsWoS2WuiVLGB7qf5PuxJ/FRpH7Vnw212O9ay18SrZwNdT/J92JfvvRyTD2FX+U9coryPSP2rPhtrq3rWWvrL9jga6n+T7sS/fenaF+1N8OPETXq2GurL9jtnup/k+7En33o5Jh7Cr/KetUV5Hov7VPw28RSXUdhr4la1ge6lyn3Yk++1Gh/tUfDbxFcTxWGviV4IGuJMp91F+9RySD2FX+U9coryPQv2rPht4iuLiCw18SywQNcMhT+BfvUmhftVfDXxFdSwafryyyxQNcMmz+BE3PRyTD2FX+U9doryXw/+1T8NvE15LbWGurcSxQS3TJs/5ZRI7v8A+OLR4f8A2pvhx4ovpbTTddW4uFgluGXZ/DEjO/8A44rUckg9hV/lPWqK8j0L9qj4beJtQay0/X1lnWJpduz+FU3PRoX7VHw28Tah9i0/XxLPtaXbs/hX71HJIPYVf5T1yivI/D/7VHw28TailjYa+Li7ZWfbs/u0eH/2rPht4m1BNPsNfWW6ZWZV2f3aOSYewq/ynrlFeTeHP2qPht4p1aLTdN10XF1KrOq7P7qb2pmi/tWfDbxBq0Wm2PiBZb1921dn91N7f+gUckw9hV/lPXKK8j0X9qz4beINYi0ux18TXj7tkez+6m9v/QKNH/ap+G3iHWotLsddWa8ldkWPZ/do5JB9Xq/ynrlFeS6L+1T8NvEGuw6TZa6st/NL5SRbP4qNB/aq+HHibXLTRtP11Zr+6l8qKLZ95qOSYewq/wAp61RXkeg/tVfDXxJrtrpOn66s1/dS+VFFs+81Gl/tWfDPWtat9JtNfWa/uJfKSPZ/FRyTD2FX+U9coryOx/as+G2qa0mk22vq9+8vlJFs/iosf2rPhtqOuJo8Gvhr95Wt/K2fxUckw+r1f5T1yivI7P8Aas+G19r6aPBr4e/efyEi2fxUWf7VHw2vvEUWiQa+H1KW5+yrFs/5a79m2jkmH1er/KeuUV5HD+1X8NrrxFFokWvh9RluUtVi2f8ALXfs20Q/tWfDabxBFoya+pv5J1tVi2f8tWfZto5Jh9Xq/wAp65RXkaftWfDaTX00dfEC/b2n+z+Xs/j+5Q/7Vnw2j199HbxAv29Z/s/l7P4/uUckg9hV/lPXKK8jm/as+G1tr8ujS+IFTUYp2tWi2f8ALVX2baLn9qj4bWfiCXRJdfCalFctatFs/wCWu/Zto5JB7Cr/ACnrjor/AHloryO+/ao+G2neIJtEm18LqUU/2Votn/LXfs20Xn7VPw2sfED6NP4gVL9J/IeLZ/FRyTD2FX+U9a2Lu3bVp21P7teR337Vnw207XX0mfxAqX6Spb+Vs/io1L9qz4baXrT6Tc6+Ev0l8p4tn8VHLMPYVf5Sh+0PZ/Eb7PaXfgf/AElIv9bYou/dXiHxKsfiz8dNCtPDEvgSfw9b+arz3c0Dole/ap+1Z8M9F1q40m719Yb+3l8p49n8VGvftU/DbwzrV1pOoa+sN/ay+VLFs+61bR5o/ZOmnKrD7B2Pwu8Er8P/AAHpWgff+yxbG/3q6vYqV5Lr37VPw28M67caTqGurDf28vlSxbPuNS67+1R8NvDmtTaTqGurFfwt5TxbOjVjyzOb2dWf2T1nYqfdWivI9a/ao+G3h/WJdLvddEV7Eyq0Wz+993/0OjWv2rPht4f1iXS77XxFeJt3xbP7yI6f+hUckw9hV/lPWXRX+8tHkqn8K15Nrv7Vnw28O6s+m3+vrFept3rs/vJvX/0OjxB+1R8NvC+qPp+o66Le6RFd12f3k3rRyzD2Fb+U9cpvkr/dWvJfEH7Vnw28Nai9jf6+IrpEV9oT+9R4g/ap+G3hnUfsWoa+sU+1X27P4Wo5Jh7Cr/KeuU3yV/urXkuvftUfDbwzffYtQ19Yp/KWXbs/hb7tGvftU/DXw5fLaahr6xXDRLLt2fwsm5KOSYewq/ynrlM2Kn8K15R4g/am+HHhe8is9S11be4kgiuFQJ/BKiOn/jjUeIP2qfht4Zuoba/11YpZoIrpE2f8spU3o3/fD0ckw9hV/lPWqb5K/wB1a8l139qn4beHZ4IL/X1ilmgS4VQn3kddyUa5+1Z8NvDtxBBf6+I3nt1uI8J95G+7RyTD2FX+U9cpiIqfdWvJtc/ap+G3h2WCK/18RPPbrcR4T7yN92jWv2qPht4dktY7/XxE11Al1FhPvRP9xqOSYewq/wAp65THRX+8q15Rrv7U3w48O/Yv7Q11Yvtlst1B8n3on+49N1f9qz4baGtk17r4iW8gW6g+T70TfcejkmHsKv8AKeteTF/cX/vmk2K/8K15Nq/7Vnw20KOyku/ECxLeQLdQfJ96J6NX/ao+G2hxafLe6+sSX0C3UHyfeianyTD2Fb+U9Z8mL/nkv/fFP2bPu15Hq37VPw20ODT5L3XViW/g+1QYT70W903f+OtTtX/am+HGh22mTXuvLFFqUH2q1bZ96Le6b/8AvtHpckw9hV/lPWqKyPCfirTfGvh2y1vSJ/tGm3i7oJf7y79la9SY6lLXrNtS0HU7Nfv3FrLEv/Ak2V+dPg+1l0T4v2lszfPFPsav0gm/1Tf7tfnE6ed8c/K+bZ9s+bZ/v114Y9rK/ikfZfjyFX8MvFFA1s/lbFmSvnTW/NsZfKiiX7Iv3kr6o+JGyHwXpltBLv8A3S7XevmLxbMsNxtl+eHb8uyveie9TkZ+lalBDeI1nAqf3q99+Hrt/wAKv8V3KrvRrVv+A1876O8D/Nt2V9F/Dq8jsPhB4w2q2xrVq6Y/ARI5/wD4JlbUuPGbf9N1r9EtNkXajLX5y/8ABMrd9o8Zy/weetfoxo/3a8SZcviOt01Ny7q046zNN+5WrVxCIVX1L/kH3H+61WKq6k/+gXH+61WWeI6Ii2fhzSlb/n1VP/HKiTbDvZ/n2tViPcml2St9zyFqk/7v73zpVxMi695FJdPLEux/7lbfht2+fdXOQ7X3y7a6vw992ol8QHQb9kX+21fDP/BTL/kmOmLt+9fL8/8AwB6+4H+Wvir/AIKXwtcfCrT5dvyRXy/+gPRAqPxHwv4A01nVG3fKv3k/vV9a/BazikiuJ9snmqv7qvkf4dXMv2z5Vb7tfZ3wTRfKeBtyPt+X/aavRgbSPr34T2c/9mxebF9751eu98Twyv4X1BV/54NXO/DTanhq0gl/1r/erd8VJ5PhXVfmZEWBv/QKy+0ccj8crPRF1v8AaA+x7vJT7c/z/wDA6+8kTYqLXx/8E7OC/wDj7qcssXnbZWdd/wDD89fYdeDif4p89j5fvOUK5j4meAbL4n+B9U8LahPNbWWoRpFJNa7PNXY6P8u//crp6K5Dzoy5PePmrwz+wj4P8K2Ou2tvruuTLrFj9gl81ovlTzUl3L+6+9+6Wm+Gf2DvB/hW11qC313XJl1axewl8xovlTej7l/dfe+SvpeitfazOn61X/mPmfwz+wb4P8LW+rxW+va5Kmp2b2UvmNF8qP8Axr+6o8N/sG+DPC8GrR22va5Mup2ctlL5rwfKjfxr+6r6Yoo9rMPrVf8AmPmjwz+wf4N8LLqi2+u65N/aFjNYS+a0Hyq67d6/uqd4P/YU8H+DTqjWuva1N/aNjNYSmVovlR8fMv7r73FfStFHtZh9ar/zHzP4S/YN8G+D7q/mtte1yZryzlsm81ovlV/4/wDVf7FHhH9g/wAIeD7u9uLTXtdla6tJbN/NaL5Vbb/0y/2a+mKKPazD63X/AJj5n8JfsG+DfB93eXFtr2uym5tJbNhK8H3X/wC2XtR4P/YN8H+DL66u7TXtdma6s5bJkkaL7sqbG/5ZV9MUUe1mH1uv/MfNPgv9g/wf4J1Oe+tNe1yaWazuLJllaLbtliaJ/wDll/tUeC/2EPB/gnV5NRtNe1yWWS0uLNluGi27ZYnif/ll/t19LUUe1mH1qv8AzHzP4P8A2DfB/g3WjqVpr2uTStBLb7ZWi27JUZG/5Zf7VHg/9g3wf4J1oapaa9rk0oilh2ytFt+Zdv8Azy96+mKKPazD61X/AJj5n8F/sHeDfBOuJqlpr2uzSrG0W2Z4Nvzf9sqPBn7Bvg3wTrsGqWmva7NcRo6bZXg2fOu3/nl719MUUe1mH1uv/MfNPgn9g/wd4D8RW+s2eu65cXESSoqXDRbPmTZ/DF/t03wj+wT4M8I+JLbW7bxBrktxD5u1ZWg2/MjJ/wA8v9qvpiij2sw+t1/5j5n8K/sG+DPCXii31y213XJbiLzdsUrwbfnRk/55f7VHhX9g3wf4T8VW2vW2va5LdQu7rFK0W350Zf8Anl/tV9MUUe1mH1uv/MfNPhP9g/wf4R8W2fiG213XJrq2n81IpWi27v8Av1R4N/YP8H+C/GGneIbTXtcmurGfz0imaLazf9+q+lqKPazD6zX/AJj5n8IfsG+D/Bvi3TvENpr2uTXVlP56RStFtZv+/VM8N/sFeDPDPiq01+DX9clurWfz1jleDaW/79V9N0Ue1mH1uv8AzHzLov7Bfg3Q/FkOvQ+INce6ina48p3g27mz/wBMven6T+wd4N0nxdH4hj17XXuo7lrnyneDbuYk/wDPL3r6Xoo9rMPrdf8AmPmfTP2DfBumeMofEkeva692l4175bvBt3b93/PKl0v9g7wfpPja38Sxa7rjXkV79vWFmi2b9+/b/qvu19L0Ue1mH1uv/MfM9n+wd4Ns/Glv4lTXtce8ivlv1hdotm9X37f9V92i1/YL8GWvjKDxGuu659qjvlv1h3wbN6vv2/6r7tfTFFHtZh9br/zHzNH+wZ4Mj8ZL4j/t7XftS3n23yt8G3dv3/8APKib9gzwZN4yfxG2va79qa8+2+Vvg27t+/8A55V9M0Ue1mH1qv8AzHzPefsF+DbzxpceI313XEup75r9oVaDZvZ9+3/Vfdpb79g/wbqXja48Svr2uLeXF81+0KvBs3s+/b/qvu19L0Ue1mH1uv8AzHzRq/7B/g/V/Glx4ml13XFvLi9+3tCrRbN+/ft/1X3aTVP2DfBureMpvEkmva4l1LeLe+UrRbd2/d/zyr6Yoo9rMPrVf+Y+aNW/YM8G6t4um8QSa9rqXT3K3XlI8G3cpB/55e1M139gzwbrviybXpte11LqWdZ2iR4Nu5cf9Mvavpqij2sw+t1/5j5k8SfsE+DPE3iq71+41/XIrq6n+0NHE8G3d/36p/jH9g3wf408Xajr93r2uQ3V9P57xQtFtVv+/VfTFFHtZh9br/zHzT4y/YP8H+NPGGo+IbvXtchur6fz3ihaLarf9+qPF/7B/g/xl4svNfudd1yG6uJfNeKJotv/AKKr6Woo9rMPrVf+Y+Z/Fn7Bvg/xd4quddude1yK6maJmiiaLb8qKv8Azy/2aPFn7BPgzxh4mudaudd1yK4l8rdFE0G35UVP+eX+zX0xRR7WYfW6/wDMfM/i79gnwZ4y8Rz6xc69rsM8yxLtiaDZ8iKn/PL/AGaf43/YQ8HeOvEM2sXmu65bzzRxR7LdoNnyIqf88v8AZr6Voo9rMPrdf+Y+Z/GX7B3g3xtrr6rd69rsMrxJFtheDb8i7f8Anl7UeNP2DfB/jbWn1S717XIZfKWLbE0W35f+2VfTFFHtZh9br/zHzP4w/YN8H+NtaOpXeva5DL5EUW2Jotvyrt/55e1HjD9g3wb4z1hdSu9e12GVYIrfbE0W3ZEiov8Ayy/2a+mKKPazD63X/mPmnxp+wn4P8batBf3eva7DLBZwWSrE0W3ZBEkS/wDLL/YpfGX7CHg/xrqVreXeva5E8Fnb2SpE0X3IokiRv9V/sV9K0Ue1mH1qv/MfM/jD9g3wf4yvrK5u9e1yFrWzislSJovuxLtT/llR4u/YN8G+MLuyuLnXtdia1tIrNRE8HzKn/bKvpiij2sw+t1/5j5o8WfsH+DfGFzYTXOva7E1nZxWS+U0XzKu7/pl/tUniz9g7wf4wn06S417XImsbOKxXy2i+dE3Hf/qv9qvpiij2sw+tV/5j5p8W/sJ+D/GA0r7XruuQ/wBnWMNhEYmi+ZE/ib9196meJf2DPBniiPSI7nXdch/s6xisovKaD5lRfvt+6r6Zoo9rMPrdf+Y+Z/En7BvgzxPb6RFc67rkS6ZZpZRGJ4PmVO7fuqPE/wCwd4P8T2ujQXOu65EumWa2UXltF8yr/e/dV9MUUe1mH1qv/MfM/ib9g3wf4mtNFt7jXdciTSbEWURiaL5l3u+9v3X+3T/E37Cfg/xVp/h+0uNd1yJNHsfsEDRNF86ea8u5/wB197961fStFHtZB9ar/wAxzXw18CWnwz8D6V4Y0+ea5stOjeKOa42b2+d3+bZ/v10tFFZHNKXN7wx/utX5363Zz6D+0AkFzFsl+2fc/wCB1+idfn58YEb/AIaM+Vtj+f8ALXXh/iPXy2XvSPrvxhf3kPhe0n2qkUq/NC/31r588YaW15f28UTbHZt+x/7tfQGq21tN4Lt1vFZ763i++/8AHXhWvP8AY1e5n+dJfkV/7te3E96mc5DDFZ6o8DLv/g+WvePDdhcx/BbxWzLs8q1bclfPWlXMv9rbt/yf33r6T0GaP/hSPjBvm3tZ12R+AuRg/wDBMdIn0nxb8vz/AGxa/QvSk+VNvyV+fX/BMeFU0bxWy/fa6r9AtNT7lePL4gl8R1em1q1m6d/BWlVlhVTUv+Qfcf7rVbqrqW3+zbhv9lqAPF08pLC3WVW3rEtVLlIk+ZV3u38H92tC8Rfs6f7lZ7o252+4lXEyCwTzrjypW2RL/s11eg/d+X7lcvbfddmb71dLovyfeqJAdA/+q2/x18af8FJt3/Cmbf7v/H+v/s9fZez5Ur46/wCCk23/AIUmn+zfxVcRR+I+B/hpeLNdJAqqjt/H/dr7S+DKNDeWksvmeUrfwfxV8T/DS2/0qLav3tqb/wC7X3R8NYYJtNtLH7cttKrfL/G713x+E6ZH2B4Jh2WaRf8ALVm3rv8A4VrZ8Zv53g/Vfm2f6K3z/wDAKzPAbq+jWksrf9MkrS+IW238Ea3t+f8A0Vvk/wCAVj9o45H5lfs5J/xdDxG6rA/71vnf7/8AwCvqCvlr9mnS1uPiDrd8zMjxM3yV9S14OJ/inzeN/jhXnP7Q/izVvA/wY8Ta5ocph1SzhRoXC7trecifd/4HXo1eW/tQapc6L8B/F97ZKrXUcETKrrv/AOWqVzQ+I46P8WJ8h/Db9qf4q67o3jee/wBTd5dO0f7Vbf6Gi7JftESf3f7rvTfhv+1P8V9csfF8l/qbyNYaO91bf6Gi7ZfOiT+7/ttWl+xf4s1bxr8QNa0/W7KCSzfR3Yp9m27v3sVfYNh4M0O2iu/K0i0h81djbYvvLXZOUYfZPZrTpUpSjynxT8N/2pvitrtj4tkv9Ud3sNImurb/AENF2yL/AMBo+HP7VXxX1618VNqGqu5s9HnuoD9jRdsqp8v8Nfadn4M0O2t7vytItIfNXY2yL7y1b0rwNoMNhetFotojsrI22L7y1HtI/wApjLE0v+fR8QfDb9qr4r67D4obUNTd2stHuLqA/Y0XbKqfJ/DVj4T/ALUnxV8STeJU1LU3f7Hot1dQf6Gi7ZVT5P4K+zLDwZodstx5WkWkPmxbG2RfeWn2Hg/Q7OK4aDSLSF2i2Nsi+8tHtI/yhLE0v+fR8U/Cv9qb4r+I9Q12PUdUd1tdIuLqIfY0X96mzZ/DS/Cv9qn4reItT1iPUtUd47fSp7iL/Q0X96uzb/DX21o/gnQbaK7aLRbSF2i2fLF/DVfTfBmh2bStBpFpC7RbG2Rfw0e0j/KEsTS/59HxZ8Kv2qviv4j1jVYNS1R3jg0ye4iH2NF/ert2/wANL8Kf2qfiv4i1rUoNS1R5I4tKuriL/Q0X96kW5P4a+0tN8GaHZ+c0GkWkLsu35Iv4asaD4J0G2e4aLRbSF/KZPki/ho9pH+UJYml/z6Pin4Q/tTfFXxN4i1C21TVGmgi0q/ulH2NF/eRW7un8P99Vo+D37UnxV8U+LLqz1TU3mtl0q/uFT7Gi/vIrSV0/g/vqtfaGm+D9Ds7iVoNItIX8pk3pF/C/yUuleD9Ds5pZYNItIZfKZN6Rfwt9+j2kf5RSxNL3vcPij4TftVfFfxJ4wlstS1R3tlsbqXZ9jRfmWJ2T+H+9TvhJ+1N8VvE3jD7DqmqO9t9mnl8v7Gi/MqfL/DX274e8E6DDdSyrotnC+3ZvSL+9VfTfBmh2d08sGkWkL7WTekVHtI/yhLE0v+fR8U/CH9qr4r+JvGkVjqmpvNatBK+z7Gi/Mqf7tHwh/aq+K/ibxtb2Oqas72rQSuyfY0X7qf7tfaeleDNDs7h5YNItIZdv30iqxoPgnQba8eWLRbOF1X76RUe0j/KOWJpf8+j4n+DP7U/xW8VfECy03VtTeaylinZkNmi/dhdl/hqL4W/tVfFbxB8RLPTdS1Z3sXE+9PsaKPlid1/h/vIK+2NN8H6HYX/mwaRaQyrv2ukVM03wZodneefBpFpDKu7a6RUe0j/KKWJpf8+j4s+Gf7VXxX8QfEq00vUNTd7B2n3J9jRfuxOy/wAP+wtL8Nf2qvitrnxNstL1DVHexllmRo/saL91H2/w19taD4J0FNS89dFtElVW2ukVRWfgzQ7PVPPg0i0hlVm2ukVHtI/yhLE0v+fR8WfC39qb4reIPilpekalqjvp01y0Usf2NF+X/vmn/CX9qb4q+Jvitoej6pqjSabcXyRSp9kRfl3f3ttfaGm+DNDs9SSeDSLSGVfnV0i+epdB8GaHbass8WkWkMq/OrpF8+6j2kf5RyxVL+Q+JPhT+1V8V/EnxW0HSNS1N3066vkilT7Gi/Ju/wB2ovAP7VnxZ1r4oaTpF9qzvp0195Usf2NF+X/vmvtuz8GaHZ6ok8GkWkMsTb1dIvnWmWfgzQ7bUkni0W0SVG3q6xUe0j/KL61S/wCfR8U+D/2qvivqXxTtNIudWd9Oa+eJk+xp935v9mjwz+1V8V7/AOK0WkXOrO+nNqMtuyfY0+7vb/Zr7b03wToKask66NaJLu37/KpqeDNDh1bz4tFtElWXfv8AK+ej2kf5Q+tUv+fR8VeG/wBqj4rX/wAXINGn1R30ttVaBk+yJ/q97fxbaPDP7VPxXvvjFZaJNqjSaVLrQtWX7In+q83Z97b/AHa+1bbwZocOqeeukWiS7t/neV8+6nab4J0H+2Un/sW0SVZd/neV8+6j2kf5Q+tUv+fR8T6T+1V8WLr4w2WiS6m39ly63Fasn2RP9V5uz72z+5TdP/aq+K83xcstGfVX/suXWIrRk+yJ/qmmCfe2V9tTeDNBh1zz4tFtElWXes3lfPupqeDNDTVPP/si081Zd/neV8+6j2kf5Q+tUv8An0fFUP7VPxXf4sxaM2qN/ZbaqsGz7Gn+r3/3tlJdftVfFeP4tS6MmrN/Za6q0Cp9kT/V7/72z0r7YtvBmgvrKTtotp5vm79/lfPuovPBOgprLz/2Laeb5u/f5Xz7qPaR/lD61T/59HxPq37VXxXtvi9e6NFqr/2XFrEtoqfZE/1SzbfvbKNe/ap+LFn8YdQ0SHU2/suLW5bVE+yJ/qvN2fe2/wB2vtZ/BmhvqjztpFp5rS7/ADvK+fdTofBug3GuefLpFo8rS72m8r591HtI/wAofWqX/Po+KPFX7VPxX034waholtqjJpcWsfZFT7In+r83b97bSeJv2qfivY/Fq40a21N00tdTS3VPsaf6vev8W2vtjUvBOgvrLztoto8rS7/O8r591NufBmhzap57aRaPLu3+d5Xz7qPaR/lD61S/59HxN4q/aq+K+m/FW40i21R005dQiiWP7Gn3cp/s0eM/2qvivpXxSu9ItNWdNOW+SJE+xp935P8AZr7ZfwZodzq3ny6LaPK0u/e8Xz07VfBOgvqzzvoto8u7fv8AKo9pH+UPrVL/AJ9HxF8Qv2rPixovxP1bSbHVnTTre+8qKP7GjDb/AN81J8XP2qPiv4Z+KevaRpupvDp1reNFEn2NH+X/AL5r7UvPBmh3OpefLotm8rNuZ3ip9/4M0O/1R559ItJpZW3s7xfO1HtI/wAoRxNL/n0fF3xc/am+Kvhn4ra3pGl6m6abb3nlRJ9jRvk3f7tN+KX7U/xX8N/FLVNI03VHTTorlUSP7Gj/AC/9819sa94M0O51R55dItJpW+d3eL52aotS8GaHeak88+kWk0rfOzvF89HtI/yhHE0v+fR8VfEv9qb4reH/AImXelWGqPHYpJCqp9jRh8yJu/h/2qT4nftVfFbw/wDEq60rTtWdLBRa7U+xo33oonf+H+8zV9rX/gzQ7zVPPn0izmlZl3O0VWNe8E6DNqSStoto8rKu53io9pH+UI4ml/z6PiH4q/tVfFfw58QrvTdN1Z0s0S12J9jRvvRI7fw/3nNP+Mn7U/xX8K+PbrT9L1R4bNYIGWP7GjfM0SM38NfaWpeDNDvLzz59ItJpWVdzvFS6l4M0O/vPNn0i0mlfb87xUe0j/KEcTS/59HxT8Xv2qviv4Z8aS2Ol6m8NqsETbPsaN8zJ/u0fF79qr4reGfGD2Ol6o6W32aJ9n2NG+Zk/3a+29e8E6Dc3SSy6LaTOy/feKq+q+DNDvLhJZ9ItJpdv33io9pH+UI4ml7v7o+LPi5+1V8V/DPi5LLS9UeG1+zQS+X9jRvmZPm/ho+LP7VXxX8N+Lo7TTdUdLZrG1lZPsaP8zRI7/wAP96vtbUvBmh3l0ks+kWkz7VTe8VWPEPgnQZriKVtFtJn27N7xUe0j/KEcTS9390fE3xg/ak+KvhfxRZWel6m0MEulWFwyfY0b95LaRO/8P99mo+L37U3xV8M+INNttL1R4Y5dHsLqT/Q0b97Lbo7/AMH95q+0dS8H6HeSxSz6RaTP5SpveL+FfuUmpeD9DvJYmn0izmdYlTe8X8K0e0j/ACjjiaXu+4fFXxX/AGpvit4c1jSoNN1R0jn0q1uJR9jRv3rpub+Gj4q/tVfFbw5qujwabqjpHcaVBcSj7GjfvW37v4a+29b8E6DctbtLotpM/lKvzxfw1X1LwZod59nafSLSZ1XZ88X8NHtI/wAoo4ml/wA+j4s+KX7VXxX8OajokWm6o6R3GlQXEv8AoaN+9bfv/hp3xT/an+K/hu88Px6bqbot1o9vdS/6GjfvX37/AOGvtHUvBmh3jRPPpFpM6xbF3xfdSrGseCdBuYrRpdFtJnWLZ80X8NHtY/yhHE0vd/dHxT8VP2pPir4d/wCEX/s7U3T7ZotvdT/6GjbpW+//AA1D8R/2qvivoNv4VbT9VdGvdHt7qf8A0NG3Ssnzfw19r3/g/Q7yK3afSLSbbF5S74vurTL/AMGaHcxW/m6RaTeVFsXfF91aPaR/lCOJpf8APo+LPiJ+1V8V9CsvCsljqrq15pUF1N/oaNvlZPm/go+I37U/xW0LTfCUlhqzo9/pUN1c/wCho26X/vivt7VfA2gzWFkzaLaO6rsXfF9xaqXngzQ7q3t/N0i0m8pdi74vurR7SP8AKEcTS/59Hxd8Rv2pvivoemeDZLDU3Rr/AEdLq5/0NG3S+bKn93+4iU/4kftSfFXQtB8ETWGpukupaP8Aarv/AENG3S/aLhP7n9xVr7Ov/Bmh3NvaebpFpN5S7F3xfdWvkP8AbU8Wap4J8daDp+iWUMdn/ZKOE+y79v76WrjKMpcvKb0ZUqsox5T63/Z98Vap42+DXhjXNbl87VLyB3nfbt3N5rp92vRa8w/Zk1K51j4D+Ery7VUupbZ2ZUXZ/wAtXr0+uOXxHjVf4sgr4H+NUP2b9oJJ9n/Lda++K+KvjekV58ZrKWJl2eelbUPjO/L5fvD6Sv8AQZ38B2+q3OoRv5sX7q0df/Z6+ffE7rDavaeVv+bez7q+grOw/t7w+kVyzWflRf6n+Bq+f/GaQf2pcWMCsiRfP5z/AMTV9DE+kpnO2cMCN5u35P4Ur6C03Wlm+Avi1vKVJVtdnyLXzvpqRJKm6VnRn2sj19DKi6P+zr4reWL5JYPl2V0x+AuRU/4Jpw+T4S8Ry/M7teV9+6PtRU/vtXwf/wAE2bZk+H2sT7v9beV94WCL8m6vI+2EviOu0r/Vf7daVZum/Ovy1pVQRCqupfPYXe7/AJ5PVqqurf8AHhd/9cmoLPHLz99s/gSqj7I4ni3f7dTXibPl/jWqk251RWVd1XEyHwuv3fvpXS+Hk8tfm+euasEXdtRFf+9XUeG9vz7aoDo3+6n9+vkH/gpTbbPgO8v3/wDTIq+u3+f7tfKn/BRSwZ/2eL2Vm/1V1FUigfnp8GbBr6/t4l/vf9819vfBOFrzXLe5tolf7O2xnevin4P3ywy26tLsf+F0r7r+BSRJEkCysj7vNnRPuV2R+E6ZH1x4bs1T70Wy3++v+9Vj4ior+BdYX7m61Zf/AByn6Jbb4otsqvFt3xf7NVPiW7J4I1hv+mDVOpzSPzk/ZmsVh8TeI5WnXzfNZPJr6Lrwf9mmwtnuPEF8q/6Q10yb/wDZr3ivncR/FkfK47+NIK8t/ah1S50X4DeML60VWuIoImVXXf8A8tUr1KvLf2oNWn0P4D+L7+2VWuIIEZVdd6f61Kxh8RzUP4sD5Y/Yg8fa14m+Jer21/DDFEukyurRQbPm82KvtmG5n8qX/wCJr4p/Yj+Ies+LPiXrFnd28ESrpUsqvDBtfd5sVfa0P2nypdyyf981tX+I78d/FCG5n+zy/wDxNW7CaV7C4Zvv1Uh+0/Z5dyyb/wDdq3Yef9juNytv/h+WsThKltcz7Zt27/vmiG5n8qX73/fNPh+07Zdyyf8AfNMh+0+VLuWT/vmgCxYTSvb3G7+7/dqvbXM779393+7Viw8/7Pcearb/AOH5ar232n59yyfd/u0AFtcz7Zfvf981Y0qaV/tG7+7/AHarw/adsu5ZP++asab5/wC981W+78u9aAK9tcz7n3f3P7tFtNO/m7t33f7tFt9p3PuWT7v92n232n59yyfd/u0AWNHmleWXzf7tVLaadpn3bv8Avmrej+ful8xW+7/GtV7b7T5r7lk/75oAZbXM/wA+7/0GpdKmleV9393+7UVt9p+fcsn/AHzVjSvP81/NVtm3+NaAK8NzP9of/wCJohup/Nf/AOJoh+0/aH3LJs/3afD9p819yybP92gCXR5pXun3fc21XSaf7U6/Nt/3at6V5/2p/NVtm3+Narp9p+1fdk2f7tADIbmf7R/F/wB81LpU073nzfc/3abD9p+0fMsmz/dqXTftP2r96rbP9taAK6TT/atvzbN392iG5n+1N/c/3acn2n7V92TZu/u0sP2n7R8yybP92gAsJp3v0Vvuf7lDzT/bHX+Dd/dp1h9p+2JuWTZ/u01/tP2x/lk2bv7tADEmn+1f7H+7UthNO9+it9z/AHKan2n7V92TZ/u06w+0/b03LJs/3aAGXM0/9pOq/c3/AN2mpNP9q2/Ns/3aluftP299iSbN392m/wCk/avuy7P92gAtpp3v0V/ubv7tFzNOl+6p9zd/dp1t9p+3pvSTZu/u0XP2n7e+xJNm7+7QBE9zP9q2/wAG7+7Traaf+0kVvub/AO7Q/wBp+1fdk2bv7tPtvtP29N6SbN392gAv5p0v3Vfuf7lRPNP9q/2P92pb/wC0/b32rJs/3aa/2n7V92TZ/u0ACTT/AG9F/g3f3aL+adLx1X7n+5Qn2n7YnyybN392nX/2n7Z+6WTZ/u0ARTTT/aE/uf7lDzT/AGrb/Bu/u0+b7T9oTasmz/dpH+0/avuybN392gB+qzSpdfL9z/dqKa5n+0f/AGNWNV+0/av3Sts/2FqKb7T9o+VZNn+7QAyaaf7Ui/Ns/wB2rGsTSpdIq/c21E/2n7UnyybP92rGq+f9qTylbZt/gWgCpczT+an/AMTRNcz/AGhP/iafN9p81NqybP8Adpk32n7Qm1ZNn+7QBLqs0qSpt/u/3aiubmf5Nv8A6DVjVftPmp5St93+Bar3P2n5Nqyf980AFzczpKm3d/3zVvWJpY2i8r+7Ve5+0+am1ZP++asax5+5PKVvu/wLQBUuZp/3W3d93+7Rc3E+5Nu77v8Adp9z9p/dbVk+7/dplz9p3JtWT7v92gCxqU0qLb7f7v8AdqvNcz7Yvvf981Y1Lz/3XlK33fm2LVeb7Tti2rJ/3zQAXNzP8m3+7/dqxfzSx29vt+/t/u1XuftPybVk+7/dqxf+f9nt9qtv/i+WgCvNcz+VF97/AL5oubmfbDt3f980TfbPKi2rJ/3zT5vtO2Lasn/fNAFi/mlSwt2X79VJpp/s6fe/75q3f+f9jt9qtv8A4vlqo/2n7Om1ZN/+7QATXM/lRf8AxNfFP7cXj7WvDPxI0W2sIYZYm0pHZpbfflvOlr7Wm+0+VFtWT/vmvi79t/4h6z4U+I2iWtpbwSq2lJKzzQbm3ebLW1D4juwP8U+ov2ZNUuda+BHhK9u1VbiW2dmVF2f8tXr0+vMP2ZNXn134FeEr25VUuJ7Z2ZUXYn+tevT6xn8RwVf4sg++lfE/xyeCz+L9lFH9xZ13V9sV8P8A7SaQWHxz0yKL5PNZXatqHxnfl/8AEPqDTbCfVdLa5+ZLdYvmT/ZrwnxtDBc6td+VEyI3yKj1794VS2m8HytFqbQyxRbNj/cavn3xVpuoX+pSszb0tZf3uz+7X0MT6Smcd9y6t4mVU+avoCZPtn7Mniudm2JFFs+evD3hiTUtyrv+b5UevaPE/mw/syeKF27Eb72yumPwBI6P/gnLbKnwjuG/vXzV9waaiNsWvjL/AIJ6WPk/BhJd2zddNtr7N0pFSJK8eRcviOt03/VfLWhHVCw+6lX6IlhVXVdv9m3f/XJqtVV1T59Nu/8Ark1WB4zqr+TK8vyvVD/a3fPV2/h3M8u35P7lZ+yL5G27KuJkSwuqN8jfO1dL4YTZ8zNXNQ/vpdyrXUaDu3fdqgOjRP4mr5s/b/tvtP7Oeu7V+7LE/wD4/X0ns/8AQa+f/wBtpFm/Z98ULt/hX/0OpFA/LH4Yuz38S7fu1+h37PFzFNYWitYy+ay/NNur8+fhRDLc6pb/ACq6btlfox8B7ZU8pZVaa7X+NPuV2R+E2kfVPhmGf7Ai/Kj7t6p/s1U+Kjq/w+13zX+T7K3/AKBVrwq8/wBj825X592xf92q/wAV03/D7XVlX/l1b/0CpOaXwnwf+zYmnJ4Zvfsu77R9qbzf++69jrhPgz4bi0HwXb7drvcfvWf/AHq7uvmqn8SR8liJc1SQV5b+1Bq8+gfAfxff2yq1xBBEyq670/1qV6lXlv7UGrz+H/gN4vv4FV5YIImRXXcn+tSoh8ZGH/iwPl39iD4mav4o+Jmr213DaxLHpMsqtDFs+bzYq+2YdVneJ2+X5f8AZr4j/Yj+JWpeLPiXq9tc21rCq6TLKrQxbf8AlrFX2vDeS+XLW1f4jvx0f3pKmqzvE7fL8v8As1Ys7+WazuJW271+7WfDeS/Z5avWEzPYXDN99axOEhh1Wd1fdt+X/ZpYdVneKVvl+X/ZqG2vJXWX/dpkN5L5ctAF6xv57m3uGbb8tQ22qzvv3bf++afptyzW9wzfwrVS1vJX3/7tAFiHVZ3V9235f9mptN1Ke583dt+RKqW15K6y1Y0q5Z/tG7+7QAyHVZ3Z9237v92iHVZ337mX5V/u1Fb3kjs/+7RbXkr+b/u0AXdKv5bxn83b8q1Xh1Wd5XV9v/fNTaPM00su/wDu1UtryR5XoAlttVnffu2/981NpupT3Mrq237tUba8lffVnSrmWaV9/wDdoASHVZ3ldfl/75oh1Wd5XV9v/fNRQ3kv2h6La8keV6ALul38t5cOsu3ZtqumqzvdeV8uz/dp+j3LzXTq392q6XMv2x1oAlh1Wd5drbf++am03Up7m62tt2VUhvJXuKl0q5lmvNrUACatP9q2/Ls/3aIdVne42/Ls/wB2oo7yX7Vt/wBqiG8l+1OtAFiz1Kea88ptuz/dpj6tOl48Xy7N392m2FzK9+it9ymPcy/b3X+DdQBLHqs7XG35dn+7T7PUp5rxIm27KrpeS/attPsLmV79Fb7lAEs2pTpfvEu3Zu/u0z+1J/tW35dn+5Tbm5lTUnX+DdTPtkv2rZQBYttVnmvEibbs3f3aLnVZ4bx4l27N392ora5le/Vf4N1F5cypfuv8O6gBz6tP9q2/Ls/3afDqU736RNt2bv7tV5LyX7Vt/wBqn21zK+pIv8G6gCW81KeG8eJduymSarOtxt+XZ/u02/uZUv3VfuUx7mX7VtoAlTVZ/tixfLs3f3aff6lPDdeUu3Z/uVXS5l+3ov8ABup9/cypeOq0AOm1WdLhF+XZ/u0Pqs/2rb8uzd/dqKa8l+1ItEl5L9q2/wC1QBb1LUp7a62rt2VDNqs6S7V2/wDfNGq3MsN1tWorm8lS4oAlfVZ0ukX5dn+7VjVL+WzuEWLbs21SmuZPtSLVjWLl4bpFX+7QAybVZ0lRU2/980TarOkqL8v/AHzUVzeSJKlE15IlwlAFvUtSntpUVdv3ahudVnTZt2/980uq3MsMqbP7tVrm8lTZQBYm1WdJUVNv/fNWNVv5bNk8rb81Urm8kSVKt6xM0Lxbf7tAEM2qzps27fmX+7RNqs6Mm3b93+7UVzeSp5X+7RcXkiMn+7QBbv8AUp7bytu35lqGbVZ0VNu35v8AZp+q3LItvt/u1XubyVFioAlm1WdNm3b83+zU15fzw29uy7dzVRuryVNn+7Vu/uWS3t2X+KgBk2sTpEjfL83+zRNqs6Km3b83+zVea8l8uKn3N5Kixf7tAF28v5YbO3lXbvb71V31WdIkb5fm/wBmpr+ZksLdl/iqjNeS/Z4qALE2qzpEjfL83+zXxT+2/wDEzVfC/wASNFgtIbaVZdJSVmmi3/8ALWWvtGa8l8uKviv9t74kal4T+I2i21tbWsqyaUkrNNFu/wCWstbUfiO7Ax/eH1L+zLrE/iD4F+E9QuVVJZ7Z2ZUXYn+tevT68w/Zl1eXxB8C/CWoTqqSz2zsyonyf6169PrKfxHBV/iyCvhr9p92/wCGhNHVV3/dr7lr4a/ac2/8ND6Pu+58ta0PiO/L/wCIfVWiabBbeD/Pltpnhl+99n+dFrwf4kXLaPr139jnbZKvy7v7te/aVbarpXw+dp51htGX5X3ferwLxnDczQJc30GxG3eV/tV9DH4T6SPxHHWyRXPzLPvr3DxzNFb/ALJuttK2yWVv++68H03/AI/Ivk2fx7K9o+KN5Fefsr3qxQNv8/5q6Y/AXL4j1v8AYJtvJ+BumfL8rTs9fXGm/cr5X/YkRrb4I6Ev3EbdX1RpX8NePIiR2Fht8pKu1n6b8i1oURNgqlqqf8S24/3Wq7VLWP8AkG3f/XJqvmA8UkRpm2q1NdF83bu37ac8y7Ny/Ju+7VWaF7aXyon3u38dXEyLELqjbVrqPD3yVx9sipK7N99f4K63ww7OvzN89RIDo0/u14p+17pq3n7P/i3++sG//wAfr23Yv8X368n/AGlrb7T8E/GETf8APmz0FRPyN+F259WiVfk+av0a/Z40qzh02LypWS7++vzV+cvw3uZbC6eVVV33Mlfo7+z9NFDYaVfNFsuJYv36f7NdkfhLl7p9YaC6rZ26z/O9Z/xM81PBesbfn22rP83+5WhpSbGRd37pl+XdWf8AE59vgXW/l/5dX/8AQKiJjL4T4/8AhReXV/4Pt5bxdj/wf7tdhXFfCK/W/wDBtu0UHkorMn3t9drXz1T4j4ur/EkFeW/tQatLofwG8X38EayywQRMquu5P9alepV5b+1Bq8mhfAbxfqEMccssEETKsyb0b96lRD4yqH8WB8tfsR/EbUvFHxK1e2ubW1t1XSZZVeGLb/y1ir7XhuJ/Kl+aviv9iD4jah4m+JuqwXNhZ26xaU8qtDBt/wCWsVfbMOqzvE7fL8tbV/iO7HfxSKG5n+zy/NVuwmlewuGb79RJqs7xO3y/LU9nfyzWdxK330rE4SlbXM7rL8zUQ3E/lS/NUsOqzur/AHfloh1Wd4pW+X5aAH6bNK9vcM392q9tczvv3M33avWGpS3NvKzfw1WttVnffu20ARWtzO6y/NVjSppX+0bm/hpkOqzur7tvyVNpupS3Pm7v4VoAqW1zO7P838NFtczv5u5v4alh1Wd2fdt+7RDqs779235VoAm0eaWZpd392qlrczvK+5qu6Vfy3jP5v8NV4dVneV1bbQBFbXM779zVLpVzK8r7m/hottVnffu21NpupS3Mrq392gCpDcz/AGh/motrmfzX+apYdVneV1+WiHVZ3ldfloAfo80s106t/dqulzP9sdd3yVd02/lvLh1b7m2ok1Wd7rZ8uygCvbXM73H36l0q5le82t9yiHVZ3l2/LU2m6lLc3W1tuygCol1P9q27vk3UQ3M/2p13VKmrT/atvy7KE1Wd7jb8tADbC5le/wBrN8lMe5n+3uu75N1WLPUp5rzym27KH1WdLx4vl2bqAK6XM/2rbuapbC6le/RWb5KE1Wd7jb8uyprPUp5rxIm27KAK9zcypqLru+TdTPtU/wBq2b/kqxNqU6XjxLt2bqb/AGtP9q2/LsoAZbXM736KzfJuoubmVL91Vvk31LbarO94kTbdm6i51WeG8eJduzdQBXe6n+1bd3ybqfbXMr6ii7vk3U59Wn+1bfl2U+HUp3vEibbs3UAMv7qVL91VvkqJ7mf7Vt3NVu81KeG88pduyoX1WdLjb8uygBqXM/29F3fJuov7mVLx1VvlqVNVn+2JF8uzdRealPDdeWu3ZQBXmuZ/tSfNQ91P9q27vk3VLNqs6XCL8tD6tP8Aatvy7KADVbmVLrarVFc3M6XH36t6lqUttdbV27Khm1WdJdvy0ARTXM/2xF3fJVjWJpYbpFX7m2h9VnW6Rfl2VLqV/LZ3CKv3NtAFK5uZ/NT5qJrmf7QnzVLNqs6Sovy0TarOkqL8tABqtzKkqbW/hqK5uZ02bWq3qWpS20qKv92obnVZ02bdtAEV1czpKm1qt6xNLC0W3+7UM2qzpKirtqxqt/LZsnlfxUAUrm5nTyfm/houbmfcnzN92pZtVnTZt2/MtE2qzoybdv3aAH6rNKi2+3+7Ve6uZ0WL5qt3+pS23lbf4lqGbVZ0VPu/NQBFc3M8eza38FWL+aRILfb9+mTarOmzbt+arF5qUsNvEy/xUAZ81xP5UXzU+5uZ0WL5mqWbWJ0iRvl+aibVZ0VNu356AJr+aVLC3Zfv1UmuZ/s8XzVdvL+WGzt5V++9QPqs6RI3y/NQBDNcT+VF81fFf7cHxD1Lwv8AEXRba2tbW4WXSUlZpot//LaWvtmbVZ0iRvl+avin9uD4jah4Z+JGiwW1lZ3CyaSkrNNBu/5ay1tQ+I7sD/FPqH9mXWJdd+BfhK9njWGWe2dmVF2p/rXr1CvL/wBmfVJNe+BfhK+njjhlntnZlhXYi/vXr1CsZ/EcFX+LIK+Gv2nGX/hofR93+zX3LXwv+04izftD6VE3yJ8tbYb4zvy/+IfXsNs1z8MUiiZbnzV+Z3/hrwX4hJLNqTrLK2xYtnyfwtXtHhK5bR9GspYJ1ubeJd8qPXk/xFmbUtZu9Qgg8l5fn8nd95a+hifSQPN7aZrm48hoF3t92vRfjHNFpX7NPlROySyz7G+avOra8nmvJmaKOFlb5a9C/aE0+Kz/AGa9Clbd9oup/mrp+wXL4j6Q/Y8Tyfgz4cXaybYnbZX0xps33N1fPv7Ltn9j+E/heL+9a76+gtN/g2/+P148g+0djYOvlVfrPsIf3XzVoR1cSwqpqv8AyDbr/rk9W6par8mm3f8A1yaokB4fNt2vs+/VSHe8u2r1z89v8336z5nZNi7dm6tomRLD8krbfn/v113hhF3bt1cjbP8Aun8pf3v8VdR4d2pKlRIDsNi+Xv8A4688+OVh9s+FviWLd96zavQE+dfmrl/iRbLc+Bdbib/nzl/9AoFA/F3wTMtn4guItv8Ay1Za/Rj9ni5gubWKeVd8UsSxLN/AtfnZoltEnjrUNyrsium3L/wOv0r/AGfkttS0bT7OLy7Z4vniR/4q7Iy902kfTvhtFmX/AFu/yl2K9VPiRbfbPBesRfL81q//AKBVjQWVLdli+/u+Z6r+Nty+EtT2tv8A3DVEYmMvhPiL4Dw/ZvBbxf3bqX/0OvSK4f4RWC2Hhl1WdZt08r/J/v13FfPVv4sj4+v/ABZBXl37UGryaH8B/F9/DDFPJBDEyxzJvRv3qV6jXlv7TurtofwH8X38UMVw8EETeVMu9G/epUQ+IjD/AMWB8u/sR/ES98UfEzWLa502xtEXSZZd9vBsf/WxV9qQ3LeVL8q/9818V/sTfEO78U/ErWLaTSdPsdulPLvtINj/AOtir7UhuZ/Kl/8Aia2r/Ed+O/ihDct9nl+Rf++at2EzPYXDbV+X/ZqjDcz/AGeX/wCJq9YTSvYXDN9//drE4SpbXLOsvyr/AN80Q3LeVL8q/wDfNFtcz7Zd3/oNENzL5Uv/AMTQBYsJme3uPkX7v92q9tcs+/5V+7/dqxps0r29wzf+g1Xtrmd9+7+7/doALa5Z1l+Vf++asaVcs3m7lX7v92q9tcz7Zf8A4mrGlTSv9o3f3f7tAFe2uWdm+Vfu/wB2i2uWfzflX7v92i2uZ3Z/9z+7RbXMj+bu/u/3aALejzPNLLuVU+X+BaqW1yzyv8q/981b0eaV2l3f3f7tVLa5leV//iaAC2uWk3/Kv/fNTaTctNM+5V+7/dqG2uZ337v/AEGpdKmleV9393+7QBFDct9of5V/75ohuWeV/lX/AL5ohuZ/tD//ABNFtcyvK/8A8TQBY0eZprp0ZV+7/AtV0uW+1Ou1f++KsaPNK9027+7/AHarpcy/bHX+D/doAIblnuPur/3zU2lXLPebWVf+ALUNvcy/aP8A7GpdKmle6+b7n+7QBEly32rbtX7392iG5b7U67V/75oS5l+1bf4N392iG5n+1f8A2NAD7C5Z79F2r/3zQ9y32912r9/+7RYTSvf7W+5/u0x7mX7c6/wbv7tAAly32rbtX/vmpbC5Z79F2r/3zUSXMv2rb/B/u1LYTSPforfc/wB2gAublk1J12r97+7UX2lvtW3av/fNPubmVNSdf4d392mfaZftW3+Dd/doAfbXLvfou1fvf3aLm5dL912r97+7RbTStfov8G7+7Rc3MqX7qv3N392gBj3Lfatu1fvf3altrln1JF2r97+7UT3M/wBq2/wbv7tPtppX1JF/g3f3aAHX9yyX7rtX/vmonuW+1bdq/wDfNS380iX7qv3P92onuZftW3+D/doAely329F2r9/+7Rf3LR3jrtX/AL5oS5l+3Iv8G7+7Rf3MqXjqv3P92gBk1y32hF2r/wB80Pct9q27V+9/domuZftSf/E0Pcz/AGrb/tf3aAJdVuWS62qq/wDfNRTXLJcfdX/vmpdVmlS62r/6DUVxcy/aP/saAB7lvtSLtX/virGsTNDdIiqv3f41qu9zP9sRf/ZasaxNKl0ir/d/u0AV7m5ZJU+Vf++aJrlvtCfKv/fNFzcy+an/AMTRNcz/AGhNn/oNAEuq3LJKm1V+7/GtRXNy0ez5V/75qXVZpUlTb/d/u1Fc3M6bNv8A6DQAXNyySp8q/wDfNW9YmaFotqr93+NaqXNzP5qbf/Qat6xNKjRbf7v92gCpc3LJ5Xyr93+7Rc3LIy/Kv3f7tFzcy/utv93+7Rc3M+5Nv9z+7QBY1K5ZFt9qr93+7Vea5ZFi+Vf++asarNKn2fb/AHf7tV7m5n2xf/E0AFzcsmz5V+7/AHasX8zJBbttX7v92q9zcz/Jt/u/3asX80q29vt+/wD7tAFea5byovlX/vmi5uWRYvlX/vmmTXM/lRf/ABNPubmfbFt/9BoAt38zJYW7bV+b/ZqpNct9ni+Rf++at380qWFuy/f/AN2qk1zP9ni/+JoAJrlvKi+Vf++a+Lv23/iJe+F/iNotrbabY3aS6Uku+5g3v/rZa+0Zrmfyov8A4mvi79tz4iXfhf4jaJbR6Tp99u0pJd93Bvf/AFstbUPiO7A/xT6i/Zn1eTXfgX4TvZoY7eWe2dmihTYi/vXr0+vL/wBmfVG134F+Er2SCK3ae2dvKhXai/vXr1CsZ/EcFX+LIK+CvjxqUWt/tKWkC/8ALJ1SvvWvz6+Lszf8NMPtdX2z/wB2unD/ABHpZb/EPuDwTpVjceFfsyxfabjyvm2fw14Z8RrZdNiltln3v9xXb76rXsHhu2nv/DKNpUUkL+V+/f8AvV5J8RdNihs7iK8bzn2b4nf76170T6Gn8Z5lYTRvqSQbt+1vm/2q9Q/aldofgT4Ks2i2I0v/ALPXlmj3O7VIlWBUl+5XqH7W9n9j+HPw8tvtTTPLtfZXT9guXxH1x+z3ZrbfDfw1F/ds1r2vTU/fIteRfBO2W28EaFF/ds1r2LSlXduryJB9o62w+5Vmq9t9xatVRYVS1j/kG3f/AFyartVNV/5Bt1/1yeokB4beQ7GRmb5P7lUneL51lZv9mtC+T96m5vuVn7IvnVv+A10xMiW3m+bczfJXS+G/nuK5p3X5FVd+2ul8P/8AHwlYyA7BPkXa3z1zvjaPzvDmpxKu/wA21l/9ArpY6zNeRX0G9X+Nom/9AoA/E+aH7B8S9Vib7i3jfL/wOv0b/Z+uUh03T/Pi33bf6r/Zr89/F1t9m+MmsQL/AM/jf+h19+/s63Nn/ZNlcy3yzP8A+g100zWR9V+HkubZUgnlWbdufft/8cp/jNNnhXU9q/P5Dbf++KZoiNNLE25XtNvyulWPFv8AyAb2Laz7omT5auJzVPhPh/4Lbk8L3G77/wBsl/8AQ69ArH8MaPbaJZvBbfJulaVk3fxNWxXzlX45HyVb3qkgry39pzVm0P4D+L79YYrh4IYm8qZdyN+9SvUq8t/ag1b+w/gP4vv0gjuPJgibypk+Rv3qVnD4iKH8WB8u/sR/EmfxL8StVtpdJ0+08vSZZd9tBtb/AFsVfbMOqyvE7eXH8v8As18SfsR/EJ/FHxL1i1fSLGx26VLLvto9rf62KvtaG8Z4pf3Uf/fNbV/iO/HR/ekyarK8Tt5Ufy/7NT2d+01ncSsq/LWfDeN9nl/dR/8AfNXrCbfp9w21axOEhh1WVlf91H8v+zRDqsrxSt5Ufy/7FRW1yzrL+6j+7/dohuWeKX91H/3zQBb0+/lmt5WZV+T+4tQ22qytu/dR/wDfNP025329w21fu1Ut7ln3/uo/u/3aALEOqysr/uo/l/2am02/lufN3KqbV3/ItVLa5Z1l/dR/981Y0u5877R8qp8v8FADYdVldn/dR/d/u0kOqyvv/dR/Kv8AdqK2vGdn/dR/d/u0W1zv8390v3P7tAF3Sr9rxnVlVNv9yq8OqyvK6+VH/wB81No83nSy/KqfL/BVS2ud8rful/75oAlttVlbd+6j/wC+am03UpbmV1ZY0+X+Bao21yz7/wB1H/3zVjSrnzpX+RU+X+CgAh1WV5XXyo/++aIdVleV18qP/vmooblnuHXyo/8Avmi2ud8rr5Uf/fNAF3Sr+W5uHVlVE2/wrVdNSke62+VH/wB80/R5vOunXaqfL/BVdLn/AEzbtWgCWHVZXm2+VH/3zU2m6lLc3XlMsaJ/sLVS1uW+0f6pf++al0q533mzaqf7lAAmrS/atvlR/wDfNEOqyvcbfKj/AO+aiS5/0rb5cf3v7tENz/pG3yov++aALFnqUs155W2NE/2Fpj6lKl48XlR/e/u02wud9+i7Vpj3H+nuu1fvf3aAJU1WV7jZ5Uf/AHzT7PUpZrzytsez/YWq6XLfatu1f++alsLnffou1aAH3OpSpfvFtj2bv7tM/tWX7Vt8qP8A75ptzc7NSddq/epn2l/tWzyl+9/doAsW2pSveJFtj2b/AO7Rc6lKl48XlR7N/wDdqK1ufMv0Xav3qLq58u/ddq/eoAc+rS/atvlR/wDfNPttSle/SLbHs3f3arvct9q2+VH97+7T7a536ki7V+9QBLealLDePGqx7P8AbWmPqsqXGzyo/wDvmi/udl+67VqJ7lvtW3av/fNAFhNUl+2JFtj+9/dov9SlhuvKVY/+BrVdLj/T0Xav3v7tPv7nZeOu1aAHTarKlwi+VH/3zQ+qypdbdsf3v7tRTXP+kIvlR/8AfND3Lfatu1fvUAW9S1KW2utqrG/++tQzarKk23yo/wDvmjVbrybrbtV/9+orm5ZLjbtWgCV9WlS6Rdkf/fNWNVv2trhFRY3+X+NapTXP+lIu1asaxc+TdIu1X+X+OgBk2qypKi+VH/3zSzarKlwqqsf/AHzUNzc7JUXyo/8Avmia5ZLhF8qP/vmgC3qV+9tKiqsb/L/GtQ3Oqyrt/dR/980arc+TKnyK/wAv8dV7m5ZNn7qP/vmgCxNqssMqbYo/++asarftbMm1Vfd/fWqVzc7JV/dL/wB81b1ibyWi+VX+X+OgCGbVZU2fuo/mX+7RNqsqMn7qP/vmorm5ZPK/dL93+7Rc3LIyfuo/u/3aALepX7W3lbFjfcv8a1DNqsqqn7qP5v8AZp+q3Oxbf5V+7/HVSa52LF+6j/75oAsTarKmzbHH/wB81Nf38sNvbtsV9399ao3FyybP3Uf3f7tW7+62W9u21fmWgBk2qypEjeXH83+zRNqsqKjeVH83+zVea8byov3Uf/fNPublkWL91H93+7QBdvL5obO3l2q7v/fqB9VlSJG8qP5v9mpb+bZYW7bV+aqk1z/o8TeVH/3zQBLNqsqRI3lx/N/s18WftvfEi58NfEjRYF0vT77zNKSXfcwbm/1stfZ014yRRfuo/wDvmviz9t74hP4X+Iui2yaRY3nmaUku+5j3Ov72WtqPxHdgY/vD6j/Zn1htc+BfhK/aCK2eeB28qFdqL+9evUK8w/Zl1b+3PgX4TvXgjtvPtnbyovuL+9evT6xn8RwVf4sgr89fiQiv+09d/L/y3r9Cq/Prxz/ydFduy7/39dOH+I9XLf4kj7a0q/8At/heygtvPs71oPm+z/JEy14r8Rbmd7pGufLmRv3W/wDgr12ws7658GpeW0X2a3aLyl3tXjXjZILPSbe281prtW3zp/Ate9E96PxHn+mottr0SxfPtb79elftgfvrj4ZWyxbN0EVef+FUW/1yJtuza1d9+1W8t/8AFL4dWLfIiwW+1K1l/DL/AOXh9q/DeFbbQdKVf4bWJP8AxyvWNH+98v3K8v8AA1syWdpFt+7Ev/oFeoaP8jV5ZJ1Vv/qqt1Ut/wDVVbqzUKpat/x4Xf8A1yartVNY/wCQbcf9cnoA8Nvn2N81V96/8tfnq3qTs9w/8aNWZDMqK6y/8BeriZEtm6/aNrfcrqPDyf6RXOw/Irr9zdW7ob+TcIrN89EgO1+/ElRalCslm6/3lbdVhHZF21XvHWa3dajlA/Gz402y2Hx61tduz9/vWvtD9nKGL/hHtPuYIvOvW+Tya+T/ANpm2XTf2gNQ3fxPvr64/ZO1uzXR7KKK2/4mDN8zv/DXZE6JfCfW3hWFvs6LtZPK/v1q627Jo12235/KaqmlJLbW/lS/xNvrQ1tGTRLv5t7eU1RH4jml8J8D/CXVZ9S1nxR5+7fFfMi7/wDfr0uvL/hEnl+IPFv/AF/N/wCh16hXg4n+LI+Sxf8AGkFeW/tQap/YfwH8X3vkR3PkQRN5U33G/epXqVeW/tQap/YvwF8X3vkR3nlwRN5U33G/epWMPiMcP/FgfLX7EfxA/wCEm+JesW39kWVjt0qWXfbp8/8ArYq+1Ibxnhl+Vf8Avmviz9h/4hJ4h+J2qQf2NZ2Pl6TLLutx9797FX28msb1dvIX5a2r/Eehjv4pUhvG+zy/Kv8A3zV6wmaSwuG+X5aYmsb4nbyF+WrFnf8AnWssvlKmz+CsTgM22vGdZflX7v8AdpIbxnhl+Vf++atw6xvV/wBwvy0JrG9XbyF+WgA025Z7e4+Vfu1Utbxn3/Kv3f7tadnqX2mKVvKVNtV4dY87f+4WgCpbXjOsvyr/AN81b0m5ab7R937tEOsb1f8AcL8tS2GpfafN/dKm1aAM+2vGdn+Vfu/3afbXLP5vyr93+7ViHWN7P+4X5aIdV37/ANwvy0AP0eZppZd237tVLa5Z5X+Vf++a0NNv/tjP+6VNtV4dV3s6+QtAFS3vGff8q/8AfNWNKummlfcq/dp8Osedv/cLUthqX2mV18pU+WgClDeM9w67V/75otbxnlf5V/75qxDrG+Xb5C0Q6xuldfIWgA0e5ea6dW2/dquly32zZtX/AL5rQ03Uvtlw6+UqfLUSapvuPK8haAKltcs9x91f++al0q4Z7zZtWpodV3y7fIWn2GpfabjyvIVKAKKXLfatu1fvf3aIbxvtTrtX/vmraar/AKR5XkLTE1jfLt8haAIrC5aS/Rdi0x7lvt7rtX7/APdq7Z6r5115XkKn+3TZNV/0p4vIX7336AKiXLfatu1f++afYXLPfou1f++alTVd9xt8halttS8668ryFT/boAq3Nwyak67V+9TPtjfatu1fvf3a+cPHP7al74P+MmoeCF8J21zFa3n2T7a946O/+3t2Vj2/7eV/ceP28O/8IbaIvn/Z/P8Atj7/APvnZW3s5HX9Uqfyn1VbXLvfou1fvf3aLy5ZL912r97+7XzR4B/bavfGXxe07wY3hG0torq++y/a0u3Z0/29uyjx9+21e+Dfi3qPgxfCdpeRWt59l+1PeOrN/t7dlHs5B9Vqc3Lyn0o9432rbtX7392n21yz6ki7V+9/dr5VvP28tQtvH6eHf+EPtHX7QsX2j7Y+/wD752VseB/21L3xb8ZdP8EN4TtLaO6vPsn21Lt3ZP8Ab27KPZyD6pW/lPpK/uWjv3XYtMe5b7Vt2r/3zXzt8X/2zr34Y/F278GxeFra/it5Yk+1NdurvvRX+7s/2qwdb/bv1DSvH3/CPr4Ps3TzVi+0fbH/AIv+AUezkEcJVlH4T6nS5b7ei7V+/wD3aff3LR3jrtX/AL5r5h0/9uS+vfirZ+Ev+ERtI4p76K1+1fa33Lux823ZVz4xftqXvwv+KF34Ti8J2mpRQyqn2p7x0d9/+zso9nIPqlTm5eU+j5rlvtSLtX/vmh7xvtW3av3v7tfKviD9vLUNF8ZwaIvg2zmWRol837Y/8f8AwCn6l+3lqFj48j8O/wDCH2jrJOsXn/bH/i/2dlHs5B9Urfyn1Zqty0N1tVVqK5uWS4+6v/fNfOvx2/bPvfg98TrzwrB4VttUjt4oH+1TXbq7+aiv93Z/tVz/AI8/by1Dwf4uXRl8GWdyrRW8vmveOn+tiR/7n+3RGnII4SrL7J9VTXLfakXav/fNWNYuWhukVVX7tfKfib9u7UfD/wAQv+EaTwdaTL58EX2h7x1f96ifw7P9qvrTUtS+x3CL5Sv8tRKMoGNWlKjy8xn3NyySou1f++aJrxkuEXav/fNWJtY2yovkLRNrGyXb5C1BkM1W6aGVNqr92q9xeMmz5V/75rQv9S+zsi+Ur7lqKbWPJ2fuFoAr3NyySp8q/wDfNW9YmaF4tu37tMm1XYyL5C1Y1K/+xsn7pX3UAZ9zcsnlfKv3f7tFzeMjJ8q/d/u1Ym1XZs/cL81E2sbGT9wvzUAGq3LQrb/Kv3aqXN4yLF8q/wDfNaF/qX2byv3SvuWoptY2Kn7hfmoAqXV4ybPlX7v92rd/dMlrbt8vzLRNrGzb+4X5qsXmpfZoom8pX3UAZk143lRfKv8A3xT7m8ZFi+Vfu/3asPrGxUbyF+aibWNip+4X5qAH38zR2Fu3y/NVGa8b7PE21f8AvmtO8v8AybWKXylff/BVd9Y2RI3kL81AFSa8ZIYvlX/vmvi79t/4gf8ACNfEbRbb+yLG/wB2lJLvuE/6ay19uPrGxUbyF+avif8Abk+IS+HviVpEH9jWd/5mlJLuuP4f30tbUPiO/A/xT6h/Zl1T+2vgT4SvfIjtvMtnbyYfuL+9evT68v8A2ZNU/tr4F+Er3yI7bzLZ28qH7i/vXr1CsZ/EefV/iyCvz88T2bXP7T2pq0qo/n1+gDvsV2r85YdSn8SftCandT/637UyfJXTh/iPVy2PvSPvXT7mz0rwvZWdzFPeI0XypD/C1eKeP4bG/urjb/o13FL8qf3lr2jR7zfodvbRzxwp5Wzf/Hurwf4op9g1SWKVWe4/vpXvRPej8RzXg+wV/FSQQbnRp1rsP2h/337TPg+xZv8Aj3gt0/8AHK5/4UWa3PjLTLZpW8pp1+euj+LqLeftoaZbL88VusX3/wDcrapL92X9s+6PCT74kb5diqqV6FpUm9krz/wxDAsX9+vQ9B+/8y15XKSdbZ/PFViorb/VfKtS1ZqFUtW/48Lj/rk1Xaq6x/yDrj/dagiR4jcuzxfdrNRFdUWVtjrWlMi/Ivm/eWs2P5Gl/jeriSENzvfdXQaVt+1Q/wCxXP20m9vu10GlfJcJ/foA9Atmbyt396obmFXXetTWyL5X+21Mm/1W2oKPya/bSsGsfjs7b9+7+/X0r+ydf/adBstiq6RN+/f+OvCv+Cgum/Y/i1aTt9yVa9l/Y/SW50bT4Pl+z7dnyV2RkbS96J9q6Def2lcbm3Jt+6j1t3j+dZ3EW1tm3ZWF4esGtonVvn2/det2/T/RX+bZ8vzVH2jml8J8L+D7ZdN8deMLX5Ub7Yz7K7iuC0e/tn+MnjCDym+0ef8A67/Zrva8TFfxJHyWL/iSCvLf2oNU/sX4DeL71raK78uCJvKm+4371K9Sry39qDVF0X4DeL71raK7SOCJvs833G/epXND4jHD/wAWB8t/sR+PV8S/EvV7ZdGsrDbpMr7rf+L97FX2nDcp5Uv7pa+L/wBiPx5B4k+JWr20eh2OmuulPL5lun3v3sVfaENz+6l/dR/981tX+I78d/FCG5X7PL+6Wr1hNvsLhvKVKow3P+jy/uo/++avWE2+wuG2r/3zWJwlG1ul2y/ulohuU8qX90tPtrnes37qP/vmmQ3P7qX91H/3zQBb02ZZLe4/dKny1UtrlX3/ALpfu1b02bfb3Hyqny/3aqW1zv3fuo/u/wB2gAtbpdsv7pasaVMr/aP3Sp8tV7a5+WX91H/3zVvSpt/2j5VT5f4FoAqW1yu5/wB0v3afbTK/m/ul+7TLa43s/wC6j+7/AHafbXO/zf3Uf3f7tAFjRJlkll/dKny/wVXtrlXlf90tW9Em86SX5VT5f4FqpbXO+V/3Uf8A3zQAy2uV+f8AdLVjSpleR/3Sp8tV7a537/3Uf/fNWNKm3yv8qp8v8C0AV4blftD/ALpaLaZfNf8AdLRDc/6Q/wC6j/75p9tc75X/AHUf/fNAFjR5le6f90qfL/BVdJl+2OvlLVjR5vOun+VU+X+Barpc/wCmOvlR/wDfNABbXK+f/qlqXSpla8/1SpUUNzvuP9VH/wB8VLpVzvvNu1U/3FoAiSZftn+qX71ENyv2p/3S0Jc/6Vt8uP7392iG4/0p08qP/vmgB9hMr36L5SpTHmX7e6+Uv3qfYXO+/RfKX/vmmPc/6e6+Uv3v7tAAlwv2r/VLT7CZX1JF8pUpiXH+lbPKj/75p9hc779E2r/3zTA+Cvi14/srD9p7WNPbwro9zIuqKn26aD963+3XM2HxIsX+Mz2f/CHaIj/bGT7R5Hz11Hxa+Jbab+07qumf8I1oFzt1NU+1zacj3Df7e+uasPiuz/GZ7P8A4RXw3/x+Mnnf2ZF5v/fdejH4T6OC934fsm38H/iDY3/7SWj6evhPR7aVtW2fa4YP3q/P9+j4x/EGysP2kNY09vCej3ki6ps+1zQfvW+f79O+D/xObUv2kNH0z/hGvD9tu1bZ9rt9ORJV+f7++j4x/E59N/aQ1jTf+Ea8P3O3U9n2u405Hlb5/v76n7QrfvPh+yc/qXxI09PjMln/AMIdojv9sVPtHkfPXTfCjx/Y3/7T+j6evhPR7aVtT2fboYP3q/7dc5qXxXZPjMln/wAIr4bf/TFTzv7Mi83/AL7rpfhR8S2v/wBp3R9M/wCEa8P227U9n2uHTkS4X/gdVL4RyXu/D9km/aW8fWmj/tJ6np8vhXR7+VZ7X/S7iLfK37pK5LxP8SLGH4wJbN4P0R3+0Rf6Q8Hz11/7SfxKbRf2ktT03/hHNBvNktr/AKXd6cks3+qT+KuS8TfFZ7f4wraf8Ir4bf8AfxL5r6ZF5v3P79TH4Qpr3Y+79kvaP8RLKT9ojTbH/hEdESVtWt0+1rB+9X7nz1q/tOfECy0f9oDULCTwno9/IssX+lXEG+WszR/ig0n7Q2m6f/wjHh1N2q28X2hdMi81fufNvrW/aZ+JTaD8f9Q0/wD4Rrw/f7ZYv9Iu9OSWX/vuj7QW/ex937Jyvjb4kWFt8TrW2bwdoUzNLB+9eD5vv07XviRYw/GC0tf+EP0R2+2RL9oeD5/v0eNvis1v8TrW2/4Rbw3Nulg/evpkTv8Af/v07Xvis8PxgtbP/hFfDb7ryJfNfTIvN+//AH6stL+6dV+154+sdC+PGp2k3hbR9VdILX/SruLfK37pK+kbP4L+A/GFlo+uan4V0+a/urO1leXb/wBMkr5v/a6+JT+G/jzqVkvhzw/qQWC1/wBIvtOWWX5ok/iapfiF+1t438GeMbfQ9Mj02HT4raz2J9jT5d0SP/7PWHLKUY8pyOnUlTj7M5v4tePNN0T9oDUNKTwfos3kajBEtxNB+9/gr9EdYmVLpP3Sv8tfnR8RPi1cL8bXhk8NeHbmWW8td9xNpkTyszInz76/RfWJvJuk+VX+X+Naip9k5cZH3aZUuZl81P3S0TXK/aE/dLT7m5/ep+6j/wC+aZNc/wCkJ+6j/wC+a5jzixqsypIn7pX+Wq9zcr8n7pasarNslT5Vf5f41qvc3OzZ+6j/AO+aAH3F0nmp+6WretzbGi/dK/y/xVUubnZKn7qP/vmresTeS0Xyq/y/xrQBUublf3X7pfu0y5uV3J+6X7tPubnZ5X7qP7v92i5uNjJ+6j+7/doAsatMqrb/ALpX+Wql1dLti/dLVvVZtn2f5Vf5f41qpc3Pyxfuo/8AvmgAublfk/dL92rd/MqWtv8Auleqlzc7Nv7qP7v92rd/Nstbf5V/75oAqTXKeVF+6Wi6ul2xfulomuf3UX7qP/vmn3Nz8sX7qP8A75oAt30yrYW7eWr1RmuV+zxfulq9fzbLC3bavzf7NUZrn/R4v3Uf/fNABNcp5UX7pa+L/wBt7x4vhv4jaLbNo1lfltJRw1x/D++lr7Qmuf3UX7qP/vmvjH9tzx5B4a+I2iwSaJY6k7aUjebcJ9397L8tbUfiO/A/xT6i/Zl1T+2vgT4SvVto7PzLZ28qH7i/vXr0+vMP2Z9UXWvgX4SvVtorRJLZ2+zw/cX969ej20OyWVt33qxn8R59X+LIlm/1Tf7tfnP8Optnx91OVl3ot01foteTLbWdxLK2yKKJnZ2/hWvzp+FG3UvjTqc8DecjXTOrp/v12Yb4j2Mt+0fdGieErG/s3a5vPJ2L5vyN89eK+OU36pqsE+77JbrvW4f77LX0VYaDbW1jb3N02zdF9/8Agavnr4kOv2+9af7tv/c/ir24nt0/jKXwBh/tX4iaVBZ7n/frtqx4kml1j9t7U9vzpay7K0v2YLZk+J2nywbflbfWP8OXl1j9rzxnOzedtum+f/gdXU+Ef2j778MQ/wCixNXofh5fL2VwPhVG+xxfe2V6BoK/MnzfPXAUdbb/AHafJTU+5Tm/2aCwqrq3/IOuP91qsR1W1T/jxuP9xqCJHhU0zQ2cTfx7VqlMny7l+d1+9UttMz2Fk0v3/KWmwpLNJLub59uxauJI6H9827dsrb0pJXlilasR7b7N5W5vu/eStbR7mXzV/ubvlqgPRYX+XbUsyfL81RWe51Td/wB91Ym+f/gNSB+b/wDwUj02CHxh4fvFX7zfM9bf7JDz6lapA3yfOrqn95atf8FMtK/4lehX38fn7K5/9jO8bVZYraX5Ht1++n32WtqXwmv2D9C9KdvKt/Kb/R/4v9mti5/eRO27fWPonmvbxMyqkSrs2LWx9m/dOyvRH4jml8J8JbFh/aA8WqsSpXe1ymq2zW3x98Ss38S11deJi/4p8xi/4gV5b+09qkWi/AbxZey2kV8kcETNbzfcb96lepV5b+07qkek/Abxfez2cV/FHBEzW8y/I371K5ofGc1D+LA+YP2I/Htp4i+JmqwQeH7HTXXSpZfNt1+dv3sXyV9rQ6krxO32WP5a+Jv2I/G2n+IviXrEFt4d07S3XSnbzbaPa7fvYvlr7Rhmi8uX9wtbV/iO/HR/elhNSV4Xb7NHVuzvFms5W8pU2/wVmQzRfZ5f3C1esJlewuGWJU/2KxOEhh1JXR/9Gjoh1JXidvssfy1FbzRbZf3C/dpkM0Xly/uFoA0LO8Wa3l/cKm2q8OpK+/8A0Zafpsyvb3G2JU+WqlvNE+/9wqfLQBYh1JXV/wBwvy1ZsL5ZvN2xKm1azrWaLbL+4WrelTK/2jbEqfLQAyHUlZn/AHC/dohv0bf+4j+7UVvNFuf9wv3aLaZX839wv3aANDSrxblnVY1Tb/cqrDfq8jr5EdS6PMryy7YlT5aqW00XmN+4WgCWHUlff/oy1Y02/WaV1WBU+Ws+2miff+4VKsaVMryvtiVPloAIdSV5XXyFoh1JXldfIjqKGaL7Q37haLaZfNf9wtAF3Tbxbm4dViVPl/gqJL9XutvkLRo8yvdPsiVPlquk0X2x18haAJYb9Xl2+RHU1hfrNcbVgVP9yqlvNF5/+oWpdKmWS8+WJUoAel+v2jb5C0xL9XuNvkLUSTL9q/1C/eohmi+1P+4WgC3Z36vdeUsCp/t0x75ftTr5C/e+/UVhMr36L5Cp/t0ySZft7r5C/e+/QBKmoK9xt8iOprO/Wa88pYFT/bqoky/av9QtPsJle/RfLVP9ugD5H+Iv7Q2jaD8fNT8Oy/DvQL+6iv8Aym1SaD963+3WDZ/tOaDN8UH0j/hWHh1JftTRfbvI/e/79Yfxa8caHZ/tPaxYz+CNLvLtdUVG1CWefzW/2/lfbXL2HxA8Pv8AGZ7T/hAdJSf7Yy/avtFxu/8AQ69CMfdPoIwjy/D9k9a+Gv7RmjeIPjlpnh+D4b+H7C6l1H7Oup28H75fn+/X1Lqvgnwnea9LeXPhfSbnUGl3tdzWqPKzf391fDvwf8caDeftIaPZQeB9Ls7ptW2LewzzvKrb/v8AzPtr79vJl+3uvkL9779ctX3ZHBi48ko8pzj+A/Bz6p9pfwnoz3e7f9o+xpv3VY03wT4Vs/EEV9beF9LttQWXet3Daokqt/f31sNNF9q/1C/ep9tMv9pIvlLv3ffrI4OeZj694M8K6rrz3moeGtLv9QZl33dxao8r/wDA6qXPgPwdNqn2mXwnpL3e7/j4ezTfXR38ypfuvlq/+3THmX7V/qFoDnmYieBvCCa4l4vhXSUvVlV1u/sab1b+/vp+veCfCuq6y95qHhfS7+9b71xcWqO//fVbEcy/b0XyF+99+n38ypeOrQK/+3QHPM5y88B+DptSSeXwno01x8v71rNN9E3gPwc+qJcv4T0l7vdv+0PZpv3V0E00X2pP3C0PNF9q2+Qv3qA55mV4n8E+FdY1ZrzU/C+l6lesq7ri4tUd/wDvuqmpeA/B15f+fc+E9GubjaqedNZo7/L9yul1WZVuvmiV6iuJovP/ANQtAc8zCvPAfg651b7TP4T0ma73K/2h7NN9dVqV4ttcIrQK/wAv8dUppl+2J+4WrGsTKl0m+JX+WgkZNqSpKi+QtK+pKkqL5C1DczL5qfuFommi+0L+4WkBb1K8WGVN0Cv8tQzakqbP9GWjVZlSVN0Sv8tV7maJNn7hXoAtzakiSp+4WrGq3i2zJuiV/wDfrPuZl81P3C1b1iZUaLdEr/LQBDNfquz/AEaP7tE2pKjJ+4WormaL91+4X7lFxNFuT9wv3aALd/frD5W6BX3Lvr51/aM/awvPgh4q03SLXw/Z6kl1Z/at0zOm353T/wBkpn7Vn7Sur/BHxDoVjpukaffpeWf2hnut/wAvz7f4Xq94c8H+E/2lfAnhrxr4w8N20+q3Vs6bYZ5URVSV/l+/W0Y8vvSOunTjHlq1Y+6eqfDrx/8A8Jz4D0LxDLp8FtLqVr9oaFPuL89dbeXipbws8Svur5A+OP7R19+zn4k03wV4a8O6bNpFrp8UsX2hpXddzv8AL9+vpfwZ4nk8W+AfD+tXNtGkt/arK0Kb9i1EofaIqUZQ9/7MjoH1JUiRvsy/NRNqSoqfuI6rzTReXF+4Wn3E0W2L9wv3ag5zQvLxYbWFmiV938FVH1JUhRvs0dTX8ypYW7NEr/7FUZpovs8X7haALE2pKio32aOviv8Abg8e2nh/4kaRDP4fsdSeTSkfzbhfu/vZflr7Mmmi8uL9wtfGP7bnjbT/AA78RtFgufD2n6q7aSj+dcrudf3svyVtR+I7sD/FPqT9mfVI9a+BfhK9jto7NZLZ2W3h+4v7169NrzD9mfUo9X+BfhK7gs47CKS2dlt4V+Rf3r16fWM/iOCr/FkY/jH/AJE/Xf8Arxn/APRT1+en7N9j/aXj67Xds/etX3R8cr++034W+ILnT2VJVtWRnf8AuN8j18S/su7U8TXE7L53z12YY9vLY+7KR9y6VZy3/hW40zz5LmW1+eLe3yLXhnjDyH0u781mSXzfmRK+gNKh1C20Z7a5ZYbeX/lsi/O1eFfEj7NprXcFmyzJ99t/8Ne3E9imdL+zHbf8Vklz9/yomdq5L9myz/4SH4xeNdcX5Fa+lRdn+/Xcfs3/ACWHiPVf3afZ7GV/k/3K5z9iryLmz1W5Vt8st4zt/wB91dQuH2j7w8MbUs7df9n5q7vQU/e15/4ed9qb12fLXovh1P4v71cBJ1EKfuqE+WooXapfvUGoPtdqq6l8lhcf7rVaRNtVdY/5Bt2zf88moA+fNHvFuvD+mMv8UC/PT/l2/e+fd8lZnhW/W/8ABuhS7dm61Xds/wBytN2iml3L9z+GriZBMn71FbclaWjv8yKtZW9ptkX+19+tC2/0e6T5t9UUem6S++3iq8/zs+2s/RNz2qf7taH3akk+LP8AgpRpq3Pwvsbnb/qrpfnrxT9iTWFsPEcSqu+4l+Rd/wByvqb9vbR/7S+BOsN5W/yvnr43/Y/vFs/E1lLOu+33L8lXTNfsH6keHplmieX7js3/AH1XS+TsV/m/hrlNHv5ZliiaJU3LXRp8jfNuqjGXwnw58SLO5sP2npf3v7qWL7iV2dYXxms4of2jLSVW+doK3a8fF/xD5jG/xAry39qHUoNJ+Avi+7ns47+KOCLdbzfcb96lepV5b+1DqUGk/AXxfdz2cd/FHBFut5vuN+9SuSHxnHQ/iwPlr9iPxtYa98S9XgtPDljpTrpMr+bbr87fvYvlr7UhuU8qX90tfF37EHjbTdc+JuqwW3hyz0110mV2lh/i/exfLX2+mpQOrt9mX5a2r/Ed+O/ilGG5X7PL+6Wr1hNvsLhvKVKE1KB4nb7Mvy1LZ3kU1rLKsCoi/wAFYnCZ9vcrtl/dL92mQ3KeVL+6Wr0OpQOj/wCjKm2hNSgdXb7Mvy0AM02bdb3H7pU+Wqltcq+/90v3a07PUIpopWWBU2/+PVFDqUD7/wDRlSgCja3S7Zf3S1b0qZX+0fulT5afDqUDq/8Aoy/LUthfxXPm7YFTatAGfbXK7n/cL92i2uFfzf3S/dq3DqUDs3+jKlEOpQPv/wBGVKADR5t8sv7pU+X+Cqltcq8r/ulrQ028juGfZAsO2oodSgdnX7MqUAUba5V937pasaVMryv+6VPk/gqaHUoH3/6MqU6wv4riV1WBU+WgClDcr9of90tFvdJ5r/ulq3DqUDy7fsy0Q6lA8rr9lWgBmjzb7p/3Sp8v8NV0uV+2bfKWtCwv4ri4dVgWH5fv1EmpQPcbfsy7/wC/QBUtrlfP/wBUtS6XMr3m3ylT/cqaHUoHl2/ZlSnWd/HNcbVgVH/v0AUkuF+1bfKX71ENyv2p/wB0tfNth+3fpt344l8O/wDCDyI6ztb/AGj7cv8AD/s+VRoP7eWma14ul0RfBEkLxNKn2j7cn8P/AGyrb2cjr+rVv5T6VsJle/RfKVKY9yn2918pfvV4H8Kf209P+J3xKtPCkXg+TTZbiVk+1NeK+zb/ALOyqmoftxafYfE668Jf8IZI8sF41r9r+3L823+Pb5VR7KZP1arzcvKfQ8Nyv2r/AFS0+wmV79F8tU/26+atK/bs03UvG3/CPr4HkhbzWi+0fbl/h/2fKrb+Fn7ZWn/Er4p2fg2LwjJpstxLKn21rxX2bEZ/u7P9mj2chSw1WP2Twf4tfES0sP2ntY01vCGi3Mq6oqfbpkl81v8Ab+/XM2HxOsX+Mz2n/CFaAj/bGT7Rsl3/APode/ePP2mPBfh7416h4XvPhdp+patb3n2dtYfyN7N/f/1W7/x+sS2/au8CTfEZ9GT4Raal99paL+0P3G/d/f8A9VXVHm/lPVjOXL/D+yecfB/4jWl9+0fo9gvhDRbOV9W2fbIUl81fn+99+vvy8uVW/dfLX7336+Xfh7+094J8SfGDT/DVn8K9N03U7i/+zrqyeRvRt/3/APVbv/H6+rJtSiS6eJrZXfd9+savxHBi+bmj7pSe4X7Vt8pfvU+3mV9SRfKX7336sf2lB9o2/Zl/36dDfxveJF9mVH3ffrA4SrfzKl+6+Wr/AO3TJrlftX+qWrtzfxQ3XlNbK7f36a+pQJcbfsy/79AFRLlft6L5S/e+/T7+ZUvGXylerH9pQfavK+zLv3ffp15fxQ3XlNbK7/36AKU1yv2pF8paHuF+1bfKX71W31KBJdv2ZaH1KD7Rt+zL/v0AQ6rMqXX+qV/9+orm5Xz/APVLV2/v4ra42tArv/fps2pQJLt+zK9AFSa5X7Yi+UtWNYmVLpP3Sv8AL/HT31KBLjb9mXf/AH6lv7+K3uEVoFm+X79AGfcXSean7paJrlftCfulq3NqUEbIv2ZaJtSgSXb9mWgCHVZlSVP3Sv8AJ/HVe5uVTb+6WtC/v4rZkVoFf5abNqUCbP8ARlegCpc3KpKn7pat6xNsaL90r/L/AB0TalAjIv2ZXqXUryO3ZN8CzbqAM+5uV/dful+7Rc3K7k/dL92rc2pQJs/0ZX3UTalAjL/oyvQBxnxI+F3hPx/eWVz4h0G21WW3g2RPNv8AlWvnj9oP476n+zbq2heFfB2kaXDo/wDZ32hYbiJ32s0r/wC3X1/eX8Vt5W6BX3LWFr2g+Gtelin1Xw1peqy7ditd2cUrqv8Ac+ZKuMv5joo1OX4veieT+HvBPhX45eEPDni7xZ4asb/WL+xXzX+dNvzv8v369ghsLPQdD0+xsbaOG0t4tkUP91asQzWOlWtvbWemwW1oq7IoYVREVP8AYSrt5fxQxRM0CvuqJSMpSlMzZrpPKi/dR064uV2xful+7Vh9SgRUb7MvzU+bUoERP9GV91BAX82ywt28pXqjNcr9ni/dLWneXkUNrFK0CujfwVE+pQJEjfZloAozXKeVF+6Wvi79t/xpp+g/EbRYLvw7Y6q7aUj+bcL9397L8tfb76lAio32Zfmr4j/bi8babofxK0iO58O2epNJpKOrzfw/vZflraj8R3YH+KfUX7M+pR6v8CvCV3BaRWEUts7Lbw/cX969en15f+zPqUGr/AvwldwWcdhFJbOy28P3F/evXqFYz+I4Kv8AFkeeftCTfZvgn4tl/u2f/s6V8ZfsqXP2PVLiVot8Tfer7I/aTfZ8CfGDf9Oq/wDoaV8mfsivFDcPLPB5ybvuV34Q97Lf4cj7b8Ua2tt4P0yWf5NvyLCn32r588fzQXN1LL8u1ov3qf3a9jubCB9Ge8naTymbZF/s14Z48mbSpfscXlzRXH8dexE9Wmdn8H/N0f4QeO9TSX5IrFk+esz9guwaTw/dz/8APWd6sak8+ifsq+MLxWWFLhfK/wB+uj/Yn0f7N8PtPlVfJ8352q62xcPtH2h4ejZ1T+4teh6ClcDoMLJEnzfP/cr0PQYflrzftERNuOnU1Ep1WbD/ADKzPEMmzRr1v+mTVobPmrK8WzLbeHNTl/uwN/6BQB8r/Bx2v/hb4anWXe/2Nfv/AO5XWwp9/wDuV57+zrN53wW8ObW/1UCpsr0LY73Cbfvt96tSJfEN2edLt37EWtOwdZmT+4tZifufO3ff+58laVtthZG/8coJPSPDz/6KjL89abv/AHvvVj+Hpv8AR62Jn+5tX56yKkeP/tUaV/avwZ8Rwbd+61Z9lfm5+yvf/Y/HmnxS7vK8+v1W+KmlNrHgXW7b7/m2cv8A6BX5M/Byb+x/iQkEsW9IrzY3zf7dXEuPwn61+DLyeZUluYN7/wALp/drs03bf/H64/wAjXOl291u+Vok8pErsEf/AEf5tv3a1MZRPiT9p97mw+Pvhq5ibyUuPkb/AGq6is/9rfTV/wCFq+DLz5vmatCvIxXxHzeO+KIV5b+1BqMGk/Abxfd3Not/FHBFut3b5G/epXqVeW/tO6jBpPwG8X3dzZrf28cEW63dtqN+9SuOHxnBQ/iwPlv9iTxlpevfErV4LTw5baU66TK7SwyFt372L5a+1oZovKl/cf8Aj1fFn7EnjLSNe+JWrwWXh2DS5l0mV2lSUtuXzYvkr7QhmXypf3C1tX+I78d/FCGaL7PL+4/8eq9YOr2FwyxbE/uVRhmX7PL+4Wr1hMr2Fw3lKn+xWJwlS2mi2y/uP4f71EM0XlS/uP8Ax6i2mXbL+4X7tMhmXypf3C0AW9NeJ7e42xbPl/vVXtpovn/cfw/3qsabMslvcfulT5aq20yvv/cL92gB1tNFtl/cf+PVY0p4n+0bYtny1Utpl2y/uFq3pUyv9o2xKny0AV7aaLc/7j+H+9RbTRfvf3H8P96mW0y7n/cL92n20y/vf3C/doAt6O8TzS7Ytny1UtpovNf9x/49VvRJleWXbEqfLVS2mXzX/cLQAW00Xz/uP/Hql0qaJ5n2xbPl/vVXtpl+f9wtWNKmV5X2xKny0ARQzRfaH/cf+PUW00Xmv+4/8epkMy/aH/cLT7aZfNf9wtAFjR3je6fbFs+Wq6TRfbP9R8/+9VjR5le6fZEqfLVdJl+2f6haAC2mi+0f6j/x6pdNmie6+WLZ8v8AeqK2mX7R/qFp+mzK91/qlT5WpjR+dGj+MvCL/GK4gXwQqXX22VPP+3P/AH/7lN8G+MvB83xQuoI/BCwz+bcfv/t707R/iB4ff4xXFqvgbTUn+2Sr9o8+Xd9+ofBvxA8PzfFC6gj8C6bDL5tx/pCTy7q9I+mS0+E6n9mnxZ4Vv/2gNPttP8Hrpt688u26+3O+z/gNZmueL/CaftEalbN4MV71dVlRrv7c/wAzfP8APtrS/Zp8baHqn7QOn2dn4M0/Tbh55f8AS4p5Xdaytb8eaCn7RGp2jeCNNe7XVpU+2/aJd7N83z1H2jPl/ey/wlLw34y8IP8AGBoYvBCJdefL/pH25/7n92uq/Zv8VeF7/wDaU0y0sfCK6bqD3F1tvftjvt/dP/BXKeGPH3h+b4wNbL4F02Gfz5f9ISeXf9yur/Zv8baHqX7S2mWNt4O0/Tbpp7r/AE6GeV3X909EvhCpH3Zf4SL4teLPCtt+09qtpc+DludQXVFRr77c6bm/v7a5mw8ZeEH+Mrwp4IVLv7Y3+kfbn/8AQa6b4teNtDs/2ntYsZ/Bmn3l0uqKjXzzy72/265ew+IHh9/jM9r/AMILpqT/AG1l+1efLuoj8IQXu/D9k3fg/wCLPCtz+0ho9tbeDVs9QbVti3v2532Nv+/tr79uZovt7L5Xz7vv7q+Avg/440G8/aP0eyg8FabZ3TatsW+SeXerb/v19+3ky/b3Xyl+99+sK3xHm474oDHmi+1f6j+L+9T7aaL+0kXyvn3ff3Ux5l+1f6hfvU+2mX+0kXyl+/8AfrmPOHX80SX7q0W9/wC/uqJ5ovtX+o/8ep9/MqX7r5av/t0x5l+1f6haABJovt6L5Hz7vv7qffTRJePui3v/AL1MSZPt6L5S/e+/T7+ZUv3VolegBk00X2hP3H/j1DzRfav9R/F/eommX7Un7haHmX7V/qF+9QBLqs0SXXzRb/8AgVRXM0X2j/Uf+PVLqsyrdfNEr1FczL9o/wBQtABNNH9qT918/wDvVY1h40uk3Rb/AJarzTL9sT9wtWNYmVLpN8Sv8tAFe5mi81P3H/j1E00X2hP3H/j1FzMvmp+4WiaZftCfuFoAl1WaJJk3Rb/l/vVFczRfJ+4/8eqXVZlSVN0Sv8tV7mZU2fuFoAfczRean7j/AMeq3rDqjRbot/y1UuZl81P3C1b1iZUaLdEr/LQBUuZov3X7j+H+9RczRbk/cfw/3qLmZf3X7hfu0y5mXcn7hfu0AW9VeJFt90W/5ar3M0W2L9x/49VjVZlRbfdEr/LVS5mXbF+4WgB9zNF8n7j+H+9Vi/kiS3t90W//AIFVS5mX5P3C/dq3fzKlrb/ulf5aAKk00XlRfuP/AB6n3M0W2L9x/wCPUyaaLy4v3C0+5mXbF+4WgC3fuqWFuzRb0/uVUmmi+zxfuP8Ax6rd/MqWFu3lK/8AsVRmmX7PF+4WgB800XlRfuP/AB6viz9t7xlpehfEbRYLvw7baq7aSjrLNIV2/vZflr7QmmXyov3C18Y/tueMtK0H4jaLBfeHYNUmbSkdZXlK7f30vy1tR+I78D/FPqL9mfUoNX+BfhK7trRbCKW2fbbp9xf3r16fHXmH7M+pQap8C/CV3bWi2NvJbPtt0bft/evXp9Yz+I8+r/FkeRftXa3baP8AAfxKk7bHulW3i/3t6V86fsco0NxuZv8AW/Iv+9XsH7dn/JFF/wCv6KvLP2S7Cea3iaKL+L7+77telhD6HLY/uD6mub+f+yfsMsEE1x5uxndfkrwfx/Zr/aVx5sXkpbts3pX0B4w1hUuJWgWOFYlWLZt/1rf79fO/xE8QTzeIHsZbVUe3+66N97/fr2KZ3x5joPi67ab+yS8CS73up/mSvXf2S7CXT/h3okbfc8hXrxT9pZ/sfwJ8KWLL5Mt1Kr/J9yvpv9n6w+x+D9Eibb8tqqVFb4i4/Ce+6CivsZa9D0dG2/ergtET978rL8tegaP8+yuCMgiasdHyfe20U+rNiH/brn/H9x9m8F6xL/dtW/8AQK6Py64f4xzNbfDfxA23/l1b/wBAoA+RP2S7xtS+C2mbm3vF8lewQoqS/M38NeBfsQ6ktz8JZYP44mr3ubdcsjeV9z7tXEiXxAnzK+1a0LZG83d9/bVH77fxbP4qt2bq8qRf3f46CTvfCr77fc3366bZu2M1cp4Ym+4v8Fdb/Eny/JURAzdYt/O027i/vRMlfkD/AGf/AGJ8bNYtm+RYr5n2/wDA6/Yi/h3o6/7Nfkl+0DpX/CMftFaqrNs82ffvStolUj9Jfg/f3OpeF9PnibekSqi/7teoQzM7bVXfXi/7OW288F6fcqzfaPK+XZ/EtezI/wAvm/c/u1vqQfI/7d1g0MvhrU1ZklW6VPk/36tQ/wCqX/drQ/bSmW2sNEuWiWbbdLuhes+F98SN/s15GN+KJ83jvsj68t/ae1G20v4DeLbu7tFv7eOCLdbu/wB796lepV5b+07fW2mfAfxfcXdot/axwIGt3/i/epXnQ+M4KH8WB8wfsR+MdD1z4larBY+GoNKlXSpXaZJd25fNi+SvtaG8tvJfZbV8TfsR+LtD1z4lavDp/h2LSpV0mV2lR/vL5sXyV9pQvB5Uv7tv++62r/Ed+O/ik6Xlt5L/AOjfJVuzmgezuGWDYi/eSsyF4Ps8v7pv++qvae8X2C42qyJ/vVicJDDeWzq+y22UQ3lt5b7bb5ar2rwbZdsTfd/vUsLweVL+7b/vugC/Z3MDxS+VBsRPvVXhvLaTftttlP014vs9xtiZPl/vVUtng+fbE33f71AFiG8tnV9ltsqxYXME3m+VBs+Ws+2eDbLtib/vqrelPE/2jbEyfL/eoAZDeWzs+222fLRDeWzb9lts+Wq9s8G5/wB033f71Ptng/e7Ym+7/eoAu6VNBMz+VB5NV4by1eV9ttsqbR3ieWXylZPl/vVUtng819sTf99UAS215bPv222yiG/ght7iWK22eVEz/wC9Ve2aD59sbf8AfdN3wfYNQ/dNs8ht3zf7FMD5t8N/tzaVr3ii40hfCM0LReb+98/+7R4V/bm0rxJrt7p6+EJIWgill3+f97ZXz54B8ReAJviFfpbeEdQhuv8ASN0r6nuX7/8Ad2U34c+IvAM3jDVEtvCWoRT/AGa43M+p793zf7ld3s4/ynvPDUv5T63/AGe/2pNP+N3jTUNDtvD0mlNa2b3TSvPv3bHRNn/j9cro/wC21pWpePrjw6vhORJYpZYvtHn/ANzfXGfsN6x4Tv8A4s65HoPh+70q6XTJXaW4vvtCMvmxfJs2V5x4Z8QeA3+NV5HH4T1BL37Vcbrh9T+T+L+HZUezjzSMfq9L2ko8p7p4S/bg0rxJ4ol0iLwhJCy7v33n/wB2ug+Bv7XWmfGD4gp4atvDUmmyvFLL9oeff9xK+X/hp4h8ATfEWdbbwnqFtcbZf3r6nvT/AL52V2/7HWteDL742RxaN4avtNv/ALNcf6RNqPmp9xv4dlEqcS6mGpRjL3S1pfxi+FM3xOnsovhTBDqa3UqNe/an+Zt/36Z4Z+MnwnvPiBPaW3wngttQWWXddfam+b+/XBaP4g8AP8YriNfCl+l99sl/f/2n8u7f/d2Uzwb4g8AN8UbqODwnfw3fm3G6VtT3J/3zsrTlNlTh/ePXvgP8Vvhn4h+MljpuifDODRNXeWVU1JLhn2tX0JdfBH4bzeKJdWl8H2T6q07Stdb33M39/wC/XyF+zTrngi8/aA0+HSvC99Yal58uy4m1HzUX/gOyvvKR4Pt7/um37v71YVPdkcGLfsqnunCWfwO+Gttrf9oQeDLJL/ez/aPn3/8AodXvCvwd+H/hvxVFrOkeE7Ww1dXZ1uod+5d33v4661Hg+1f6pt/+9T7B4vt6bYm3/wC9WPPI4Paz/mOM1v4NfD7WPF8us33hO0udall81r59+93/AL/36qp8C/hquvf2gvgyyS/83f8AaPn3b/8Avuu9uWi/tJ90Tb939+mb4PtX+qbf/vVHNIPaT/mON0T4L/DzR/FVvq+n+EbKz1eKfzUuk37kb+/9+u6ubm2S8dWtt77vv1FbPB9vTbE2/d/eovHi+3vuibfu/vUxSlKfxDvtlt9q2/Zvn/v0+G5ge8RVttj7vv1Xd4PtX+qbfu/vU+2aL+0k2xNv3f36RJYvLmBLx1aDe/8AfqF7y2+0bfs3z/36bfvF9vfdEzv/AL1Md4PtX+qbf/vUAWEubb7Yi/Zvm3ffovLmBLra1tvf+/VeN4Pt6fum37v71Pv3i+2PviZ3/wB6gB015bfaNv2b5/79D3lt9q2/Zvn/AL9RTPB9qT902/8A3qHeD7V/qm37v71AFvUrqCG62ywb3/v1DNeW0cvzW296NVeJLr5o2d/96orl4PtH+qb/AL6oAsPc232pF+zfP/fqXUrmCG4RZYPOfbVKZ4PtSfum3/71WNYeKO6TcrP8v96gBk15apKm6230TXlskqf6N89RXDwean7tv++qJmg+0J+6b/vqgC3qVzBDKnmwb/lqG5vLZNm6230aq8SSpuiZ/l/vVXuWg+TdG3/fdAFia8tUlTdbb6sarNBCyebB51Url4PNTdE3/fVW9YeNGi81Wf5f71AEM15bLs322/5aJry2Rk3W2/5aiuXg/dbom+7/AHqLl4Nyfum+7/eoAu39zAnlebBv+Wq815bIqb7bfT9VeJFt90TP8v8AeqpcvBti3RN/31QBYmvLaPZutt9WLy5gS3idoN6t92s+5eD5N0Tfd/vVbv3i+y2+6Jn/AOBUAMmvLbyk/wBGomvLZFTfbb6gmeDyov3bf99066eDbFuib7v96gC9eTQJZxM0G9G+6lVnvLbyU/0b5Kmv3i+wW+5d6f71UZng+zxfum/76oAszXlskSbraviv9t7xhoeifEjRYr3w5BqrtpSMsrybdq+bL8lfZkzweVF+7b/vuvjD9tzxdomh/EXRYdQ8OxapK2lIyyzP91fNl+StqHxHfgf4p9Rfsz31tqnwL8JXdnZrYW8ls+23R/u/vXr0+vMP2Z7621T4F+Erm0tFsLeS2fbbp/D+9evT6xn8R59X+LI+Yv2/NYgtvhbp+mbv9IuL5XT/AIDWP+x/ZqnhxGb5HZfvvVH/AIKFv/oHhJf707/+gV0f7Klm1n4Vt5Y1V5VX5d9erho+6fSYH3cMeoXOmxW2l3Cz33nJK3yzP/erxLVdNlTXnaVlm3S7fO/vV9EeKtSgh8JbfIVH+5P8v8VfP+laU154qsoImZ7Rrpfv/wC/Xq0zvpl39rHzfK+H+h7vveV8lfXfwj03+z9Gsov7sSp89fJ/7TKNqX7RXg/SIH3/AGdYq+zfBNs0Omo7VjVl7wz03Rf9d83369D0pP3VedaP88qV6RpP/HulccRRLtFHl0+rNhledfHvUPsHws8QSt/z6tXoteL/ALWN99j+Eeqqv/LVdlXH4wPjT9ga5Z/B+pwN9xWr6eTc0v8AcT7lfIn7AGpS/wBm3sTL+6Za+tfufd/vURIqfEWHTZL+7bfVmHb9o+VdiVW+ZG209PNRt38DUEna+G3VG8pa7VPurXAeGHb7R81egQ/IqURiAy5XetfmJ+3hpTaJ8dLS+Vf+Phd9fqA6b2+avz3/AOClmiS22ueHNVVfkb5N9XEqkfQf7JGtrf8AgG0+ZYdQ2/c3fw19Bwu02/dE2xa+Qf2G79bzwr/aDRKn2X90zvX13bOrq8qt8lb6kT+I+bP259N+2fDGWdVbfE25W/u1yvhKRn8JaIzNvdrG33P/ANskr0v9sOFX+Ed7O/3Nv3K8p+HupW2seBdCubGVZrdrOJFdP9lNr/8Aj6V5mO+GJ4OOj7sToK8u/agvrTT/AID+L7i9tFv7WOCLzLd/4v3qV6jXlv7UF5aad8BvF9ze2n261WCLzLf+9+9SvKh8Z5dD+LA+Wv2I/FGgat8StXi07w9Hpsq6VK7Sq33l82L5K+1IZovKl/cf+PV8WfsQ+JfDurfEzV4tO8Prpsq6TK7Sq/3l82L5K+24bmz8p9sDVtX+I7sd/FK8M0X2eX9x/wCPVesHV7C4ZYtif3KhS5s/KfbA2yquveJLPwx4N1vWmtZHt9NtZbqWFPvsqpvrE4SW2mi2y/uP/HqZDNF5Uv7j/wAer578M/tweE/EFjrFzB4Y1aFLCDzZVaWL5qZoX7cXhPWtF1i/i8MatDFYRb5VaWLc1bezkdP1ar/KfSWmvE9vcbYtny/3qqW00Xz/ALj+H+9Xk3wt/ao8P/Ejwr4q1ey0G/sbfQrdJp4ZHQvL/u1yPhf9uPwj4mXUPI8MatD9lg81t0sXzVHs5B9Wq/yn0PbTRbZf3H/j1W9Kmif7Rti2fL/er5t8M/txeEfEFhqtzB4X1aFLGLzpEaWL566v4N/tU+HPixH4i/s3Qb/Tf7JsGvZftDp+9Vf4F20ezkKWGqx+yev200W5/wBx/D/eotpov3v7j+H+9Xzx4V/bg8J+Jry/hg8MapC9rA9wztLF8yrSeFf24PCfiRdVaDwxqkP2C1a4bdLF8yrR7OQ/q1X+U+k9HdXll2xbPlqpbTRea/7j/wAerzD9n/8AaX0H44apqthpGh3ulPYW/nM92yPu+bb/AA1w3hX9t7wn4k1m6sYPC+qQyxIzs7yxfw0ezkL2FXml7p9C200Xz/uNn/Aqb50X2PUP3HyLA275vvfJXz14T/bk8I+Kpb2K28L6tD9ng81t8sXzV0nwY/ao8NfGbVtS0jT/AA/f2LQWb3Ej3Dp86/3Pko9lMbw1WOsonyX4B8a+EpviFfxweBY7aVftG+X+0ZX3fP8A7tN+HHjXwlceMNVjg8DR20q21xul/tGV93zf7teheEPiN8Ebjxtew2Pw81S31BftG64addrf3/4qPA/xK+B954nv49P+HmqW92sFw8srTr8y/wAf8Vdx7Tlp8MjW/Yc8TeH9a+LGuQ6V4Vj0SddMldrhLx5dyebF8mx6868M+M/C03xpvII/BEcN19quP9K/tF/m+9/Bsr3b9k3xt8MfEnxG1e28FeD77w9qi6fK09xcSo6NF5qfJ8v+1sr0yz/Z3+HFn4kl1SDw/s1JnZ2l83+NvvVlKXLI5JV4wqy5onxl8NfGvhO5+Ik8cHgWO2l2y/vf7Rd//ZK7b9jvxT4a1X43R22m+EY9Huvs1x/pS3zy/wADfw7K+lNF/Zz+GWj6w97aeHPJum3fN5v96tL4d/AvwD4E8Tf2v4f0T7BqW1k87zd/yt9+plViTUxVOUZHxHo/jXwm/wAYriBfAsaXX22VPtH9ov8A3/7myovBvjTwnN8ULqGLwLHDcebcf6R/aLt/47sr7Pt/2c/hnb+Im1SPw/sv2leVpfN/io039nH4Z2OtNf23h3Zes7O0vm/3vvVXtYlrGUj5Y/Zp8X+GNS/aA0+2sfBkem3rXEuy6W+d9v8AwDZX3i80X2918j593391cF4N+Afw88JeLIdZ0XQfseqwu7pcebXorzWf2x18ht+779Y1Jc0jhxNSNaXNErpNF9q/1H/j1PsJonv0VYtj/wB/dTkms/tH+obfU1nc2z3m2KBkf+/WJyFe5mi/tJ18r593391M86L7V/qP/HqsXM1t9sdWgbzd336Z51n9q/1Db6AG200X29V8r593391F5NF9vdfK+fd9/dUtvc232xFWBt+779F1NbJeOrQNv3ffoArvNF9q/wBR/F/ep9tNF/aSL5Xz7vv7qc9zZ/av9Q26praa2+2IqwN5u779AFe/miS/dWi3v/f3Ux5ovtX+o/8AHqt3k1sl46ywM7/36heaz+0f6ht9AESTRfb0XyPn3ff3U++miS8fdFvf/eqVLmz+2bPIbfu+/ReTWyXW2WBnb+/QBXmmi+0J+4/8eoeaL7V/qP4v71SzTWn2hN0Db6f9ps0uv9Q2+gBmqzRJdfNFv/4FUVzNF9o/1H/j1W9Smtkuv3sbO9QzXNn5vzQNvoAimmi+1J+4/wDHqsaw8SXSbot/y/3qHubNLpP3Db6l1Ka2S4TzYmd9tAFK5mi81P3H/j1E00X2hP3H/j1SzTWfmpugbdQ9zZpcLugZ3oANVmiSZN0W/wCX+9Ve5mi+T9xv/wCBVe1Ka2SVPNiZ/lqG5ms02boGoAiuZovNT9x/49VvWHVGi3Rb/l/vVDNcWaSpugZ6sarNAjJ58TPQBSuZov3X7j+H+9RczRbk/cfw/wB6pZrmz+TdA33aJrmzRk3QM/y0AP1WaJPs+6Lf8v8AeqpczRbYv3H/AI9WhqU1snlebEz/ACfJVea5s9qboGoAr3M0XyfuP4f71W794lt7fdFv+X+9TJrqzTZugZ6sX81t5UTSxM6fwUAZ800XlRfuP/HqfczRbYv3H/j1SzXNn5SboG20TXNmipugZ6AJr91Swt2aLen9yqM00X2eL9x/49WneTQJaxNLEzo33Uqo81n5aboG20AV5povKi/cf+PV8Xftv+JtC0j4jaLFqXh+PUpW0pGWVn+6vmy/JX2zNc2flJugavif9uHxN4e0v4laLHqPh9dRlbSkdXc/dXzpflrah8R34H+KfUn7Ml5bal8CPCVzZWi2Fq1s+23T+H969en15h+zJeW198CPCVzZW32O1a2fyrf+7+9evT6xn8R59X+LI+HP2+dVabxl4f09v9VErS16n+zxbbNB0zbu8pVXcm2vF/257lbj4uaPAsqv+42N/s/PXuXwfmbRPDNlE0vkoyrtr2MP8J9Pho/uInpfiTVrm20O7gu1tpruVv3Sf7NeS/DeGLVfidpiyyt8svzQp/BXUeML/wC3rLZxLI9wv3Zn+4tVP2frCCb4l3fnqqPawNKz/wB75K9WmdMfhOP1L/ip/wBsN2Zt9vat8v8As190eErVntYv/QK+GvgbbS+JPjx4r1fbvSKVkWvvXw2my1ib+PbXBVNpbHa6ImyXbXoFgmyJK4Xw8m+43V3tsnypWMQiWPmojpjo1P8AMqywr50/bYvGtvhv5StsRmr6Ld6+V/26rzf4VtLNW+dvnq6fxAfEv7AGq+T4gls/Nb97F9yvu3yfl/21r81P2IdVaH4naf8AN8jfJX6VzbvtDrub/foiFUhdG835asW0290Vmqv/AH9v8VTW6Kjf7dUZHW+HnXzUr0O2ffEm379eX6Pu+1RNur0qwf8AdIv+zQBYf7u2vjr/AIKNeHvtnwvstQ/it56+xX2+S++vBf2zNB/t74J6wqxb3ii31MolU/iPnH9hXxJ50txpX30Zd+x/uV+gFhudYt0Wz5fuV+X/AOxb4kXSvFCRJu3y/um2ffr9PtKvPOtYm27E27Nlal1TzH9pnSoL/wCFWsLt37Ymevmr4Aps+EHh9f8AZl/9GvX178XbNb/wLqts0W9Ggavi39mzWJ9S8A3dnOqomm6jcWsWz+7v3/8As9cmO/hRPBx/8M9Vry39qC8tLH4D+L7m9tPt1qsEXmW/9796len/AMVeYftQXlpYfAfxfPf2n26zWGLzLf8AvfvUrx4fGeJh/wCLA+W/2IfEfh3V/iXq8Wm+H/7LmXSpXaZH+8vmxfJX2nC8HlS/K1fFn7EfiPw3qnxK1eLS/D39m3C6VK7S+bu3L5sXyV9qQvB5Uv7tv++62r/Ed+O/iiQvB9nl+VqwviI9inwn8YNcxSPZLplx56I3zsvlP9yt2F4Ps8v7pv8AvqsL4izWafCfxhLc2zTWi6ZcebCjbNy+U9YxOOHxnwF8ONU+Hj6J4q+zaHrCKtm3m7rpPmWm+B9U+HjeDfFrW2iawlusH7xWuk3NTvhx4g8By6H4qa28K3cKrZt5qPfO+5ab4H8QeA28F+LWg8LXcMSwfvFa/f5q9M+l/mPU/wBmW+8HTfDH4pNpWl6lb2i2afaUuJ0d2T5/u15Z8L9W+Hjr4gFpomsxf6H+933SfMtep/sy6x4Uufhl8Un03QbmxtYrNPtUT3Tv5q/P/wB815Z8L/EHgOZfEH2bwrdwlbP59987blqP5jGHxVA+HGqfDx9D8VfZtD1lEW1Xzd90nzffr1D9kG+8GXEXj/8AsTS9StNuiS+f9onR9y/7NeX/AA38QeA5tD8VNbeFbyFFtV8xHvnfd9+vUP2QNY8J3kXxD/sjQbnTdmhStP5t08vmr/cpVPhkXV+GR5p8L9W+H76xr/2TRNXhb7DceZvul+ZaPhjqvw+eLxR9k0PVodunS+bvul+ZaZ8L9e8Czaxr/wBm8K3cLLY3G5nvnfctP+GOveBZrfxR9m8K3cO3TpfN3XzvuWtCn9o9o/YPv/Cdz4l8Uf8ACPabqFhKtivmvdzo+5d9eM/DHVfh83i/UFtND1ZLjypdzvdLXsf7B+q+GL/xR4qXQdDn0qVbFfNea6eXcu+vGvhjr3gWbxhqS23hW7hl8qXc73zvWf2pGK/iVCL4U6p8PGvNV+yaHrMLfY33ebdJ92vSP2Mb/wAGXPjjXV0PS9Ss5/7Kl8xrudHRlrzT4U+IfAc15qv2Twrd2zfY33b7533LXpf7GOseEb/xzrq6N4fudNuF0qV2aW8eXcv9yip8MjSr8MjzzwDqnw+f4iagttoerJdf6RuZ7pNn36Z8N9V+Hj+MNVW20PWUn+zXG5nul+7S+AfEHgaT4iX6weFruGf/AEjdK9+7/wAdM+GviDwNN4y1Vbbwrdwy/Zbjcz37vu+atC39o9b/AGHb7wfcfFnXF8P6bqVnef2ZL5jXc6Omzzoq+xEeD7Z91t1fHf7Dmr+Fr74sa5Hoeg3OlXS6ZK7SzXTS7l82L5K+xFeD7Y/7pt/+9XFW+I8bGfxAt3g+0fdapdKeD7Z8qtvqK2eD7R/qm/76qXSni+2fLFsf/erE4SJHg+1fdbfuoheD7V91t9CPB9q/1Tb9396iF4PtT/uv/HqAH2Dwfb02q26mO8H29/lbfup9g8X29NsWx/8AepjvB9vf918+7+9QAI8H2r7rb6fYPB9vTarbqYjwfav9X8/+9T7B4vt6bYvn/wB6gAuZIP7Sfcrb91M3wfavutu3U+5eP+0n/dfPu/vUxHg+1f6r59396gB1s8H9oJsVt+6i5eD+0H3q2/dS2zRfb02R/Pu/vUXjxfb33xfPu/vUAMd4PtX3W37qfbSQf2km1W37qY7wfav9V8+7+9T7Z4/7ST918+7+9QAX7wfb33K26mO8H2r7rb6ffvF9vfdF8/8AvUx3g+1f6pt/+9QAI8H29Plbfup988H2x9ytvpiPB9vT918+7+9T794vt77ot7/71ADJng+0J8rb6HeD7V91t+6iZ4PtSfuv/HqHeD7V/qvn3f3qAJdVeD7V8ytvqK4eD7R91ql1V4vtXzRb/wDgVRXLwfaP9U3/AH1QATPB9sT5W3VY1h4vtSearP8ALVeZ4Ptifum3/wC9VjWJIkuk3Lv+WgCvcvB5qblaiZ4PtCfK1Fw8Hmp+6/8AHqZM8H2hP3X/AI9QBY1Z4vNTcrfdqvcvB8m5WqxqrxJKm6Lf8v8AeqvctB8m6L/x+gB9y8HmpuVqtaw8W6LzVZ/lqrcvB5qbov8Ax6resPEjRbl3/LQBUuXg/dblb7tFy8G5N6t92i5eD91+7b7v96mXLwbk3RN93+9QBb1V4ttvuVvuVUuXg2xblareqvFtt90W/wCWqly8G2L903/fVABcyQfJuVvu1bv3i+y2+5WqpctB8n7r+H+9Vu/eL7Lb7l3/ACUAVJng8qL5Wp9w8G2LerfdpszweVF+7b/vukuXg2xbom/76oAvX7x/YLfcrbKozPB9ni+VqvX7RfYLfcu9KozPB9ni/df+PUAEzweVF8rV8XftveI/D2j/ABG0WPUtCXVJW0pHWV3+6vmy/LX2jM0HlRfu/wDx6vi/9t/xF4b0n4i6LFqnh/8AtK4bSkdZfN2bV82X5K2ofEd+B/in1J+zLeWl98CPCU9jbfY7VrZ/Kt/7v7169PT7y15b+zVeWl58CPCVzp9p9jtWtn8q33/d/evXqSP8m7/gdZS+I4Kv8WR+cX7UUK3P7QVwv+1Fu/77r6w+FGlT22g289tFv2qvzv8Acr5E+MGsL4n/AGh7udYtm26VNn+7X238K3uf7Jiinvo001l+aHb96vaofAfWUvcoRMf4wX9jo+l29jbL89x88syfxNVH4FItno3jDXJdrpb2LIu+q/xvtrabyl3LDt+75Lb021p6JDB4b/Za8Yauy/6Rcfulr1Kfwmhj/seaUt5Lquobv+Pq6bdX2xoieTsXbXyV+xho8th4ItJ5V/17ebX2BpULfKzNvry6kipHZeHk/ep8td3Cny1xnh7/AFldmn3KiJY+mfwp/cp9Mjqyxj/LXxh+3VqS3mqWWnxNslVfmevs9vvJvr4I/bJ1aC8+Icq7m/dLsran8REj4E/Za1htK+ImlMv3PPXdX6uu7bX2/cavx/8AgPqv9m+MrJl/56rX696VefbNJspV+fdArt/3xURNKnwljZvXzV+6v3noRNkaM396q8by+b8vyJ/dqwn+t+b56owNrTZonul2/JXpelPvt0215ZpXzttavS9Em2W6L/BUlms/3K474qaD/wAJJ4D1izb+K1auz+9VLVYftlnLBt37l2VRJ+TP7OVzP4Z+LVxYxKvmxXjJ8/8Av1+reg3/ANp0a3l8r+H+Cvyq1i2k+G/7UGp2zL5KNeb/APvqv068A3MV54ct/Kkb96qvureJrU+E1vGFstz4Zvd7fI0TV8Cfs/al5OveO9Big2RWeptKr/3t1foHqsP2nSbiBvv7dlfAPwl0f+wfjF8S7bdv/wBMV/8AxyubF/wDxsXH91I9gdPmSvMP2nryysfgR4tn1K2+32awReZb79m796lepV5h+09eWVh8CfFk+pWn2+zWBPMt9+zd+9SvBh8R8/R/ixPlz9iPxB4U1T4m6rFpegPpkq6VK7S+bv3L5sXyV9tQvp+19qts/ir4m/Yl8QeFNU+JGsR6PoLaVcLpTs0v2h33L5sXyV9nQ+R5Uv8ArK2r/Ed+O/iltH0/yn2q2z+KmX+laV4h8P6nplzA02mXsTW91DudNysnz1Xh8j7PL/rKvWHlfYLjbu2VicJ5PpH7L/wl0m11CGy8OSQxXUXlTp9uum3L/wB/abpf7Lnwi07T9QtLTw5KlrdLtnX7ddfMv/f2vTLbyNsv+s+7RD5HlS/6yr5pG3tan8xyHgv4E/DzwXomu6boWjSWdhqkXk30T3M7+an/AAJ/l/4DWFov7Lnwj0X7V/Z/hqSHz4vKl/066bcv/f2vV9N8r7PcbN1VLbyPm2+b92jnkHtan8x5npH7Lnwj0m1vYLLw1LFFdJsnX7ddPuT/AL+1u/D/AOA3w6+H66x/wjehyWH9o2rWl5uuZ5fNib+D5mauvtvI2y/6yrGleV/pG3d93+OjnkEqtX+Y8t0X9mH4S6LdXUun+HJYZZ4mhlf7fcPuRvv/APLWjRf2YfhLoqXq2PhyWH7VE0U/+nXD7k/7+16Vb+RufZ5n3afbeR+92+Z92jnkL2lT+Y5X4WfBTwH8L7y9ufCOkNptxdReVOz3Usu5P+BO9c5ov7MPwl0XUJbvT/DssNxIrozfbrh//atesaJ5Xmy+Vu+7/HVS28jzn2+ZRzSI9rV5viPMNC/Zf+EehSXDaf4alhaWLypP9PuH3L/39rb+HPwD+HHw71S6vPDGhtYXU8D28rNdTy7l/wCBO1djbeR8+3zKsaV5Hmvt3fd/jo55Fyq1f5jy7S/2YfhLpesS6haeHZYb2Tdub7fcfxff/wCWtJo/7L/wl0fUZ7ux8Oyw3Uqskrfbrh/lb7//AC1r0qHyPtDf6yi28jzn2+ZRzyH7Wp/Mcn8MvgZ8P/hlr11qnhPRn07UJoGt5JXupZdyb0f+N3/jRK7pH0/7R8qtvpmj+V9qfyt2/b/HVdPI+2P/AKzfUmcpSnL3y3C+n+b8qtvp1g9j9o/cK2+qVt5H2j5fMqXSfI+2fLu3/wC3SJJkfT/tH3W30xH0/wC0fKrb6rp5H23/AJa791EPkfan/wBZvoAu2b2P2r90rebTXfT/ALU/yt5u6q9h5H29Nu7dTH8j7e/+s37qALaPp/2j5VbfTrZ7H7V+6VvNqknkfav+Wm+n2Hkf2km3dvoAtTPY/bH3K3m7qbv0/wC0fdbfVe58j+0n3bt+6mfuPtn/AC13b6ALcL2P2pdqt5u6iZ7H7U25W83dVe28j7em3zN26i88j7e+7dv30AWN+n/aPutvp0L2P2xNqt5u6qT+R9t/5a791PtvI/tJNu7fuoAtXL2P2r96rebTXfT/ALR8ytvqvf8Akf2k+7dvpk3kfav+Wu+gC2j6f9q+63m7qdePY/av3qt5tUk8j7en+s37qfqXkfb/AJt2+gCw76f5vzK2+h30/wC0fdbfVSbyPtSf6yh/I+1f8tN26gC7fvY/aP36tvpsz6f5vzK2+odV8j7V827f/sVFc+R9o+bzKALbvp/2j5lbfUupPZpcJ56s77az5vI+2J/rN9WNY8r7Unm7t+3+CgAmfT/NTcrb6Jn0/wA35lbfVS58jzk3eZRN5H2hf9ZQBoX72O5PPVt+2opn0/5NytTNV8jzU3bvu/wVXufI+Td5lAF6Z9P3JuVt9S6lJaIyfalZ/wC7Wfc+R5ybvMq3rXlbovN3fd/goAZM+n/JvVvu/LRM+n7k3q1V7nyP3X+t+7TLjyNyb/M+7QBp372f7rz1b7vy1XmfT9qb1b/Zo1Xyttvu3fd/gqpc+Rti/wBZQBbmfT/k3K1WLx7PyovNVtn8NZlz5Hy7vN+7VvUvK+y2+7dsoAHfT/KTcrbP4aJn0/am9W/2aqTeR5UX+soufI2w7vMoA07x7P7LF5qt5P8ADVd30/yk3K2z+Gn3/lfYbfdu2fw1Rm8j7PF/rKALcz6ftTcrbP4a+KP24PEHhbS/iRpEWqaC2pStpSPHL5uzavmy/JX2ZN5HlRf6yvjP9trxB4U0v4i6LHrOgtqtw2lI6zfaGTavmy/JW1D4juwP8U+ov2Z7yxv/AIFeEp9Ptvsdk1s/lW+7ft/evXpU0yw28ssrbEVWdnrzX9me8sb74G+Ep9Ntvsdk0D+Vb7t+3969d14n+Twzqv8A16y/+gVlL4jkqfxZH5sXn/E4+Pt7LA3nRfbmfelfaXhK8ia1t7FtyW7fJvr4i+F3z/FiWV/uLdNX3L4bmbW7P+yoII/7nnJ/DX0FD4T65+7CETkvid4b/s2822csk1o3/LGWtD9oFJ/CX7L+i6f/AKmXUpV3J/eqj4tWWG8tNDnuZJpopdm/dU37YHkNqnws8KwSs7t5Tyo7V2fDSJj8R7R+zron9l+C9Ki27NsC7q+iNKTeqba80+G+jxW2l26t8iKiJXqGiJsbbXlS940O18PQ/vf9uurT7lYugw7Pmraqyoj6KZR5lBYySvzd/aZvF1L4pah5X3Flr9HbybybWWX+7Ez1+YnxC8/W/iXqcsTb089/v10UfiIlI+B/h1dNbeI7La2x91frt8N79tS8B6FP99/sqpX46aJc/wBm69by/wB16/WD9njxIut/C/TJ4vvxfJsrnj8RtL4T1Pf/ABfwf3KtIipsb7n+/VWFPlTzWqXzmuW+Zvk/grU5zQtrlk2fNsSvQ/Cs2+3rzeGH5k+Wu48JTKsu1moA7WOmSU+Omfx/7FAH5j/tyaD/AMIx+0JZarP8kV5Er70r7W/Z48Q/afAOns063O9V2v8Ax14P/wAFKfBMU3hnQvEsS/Pbz+U3+7W3+wr4nbXvBstmyb5bf/VfN/DVmsveifV+q7vscqfc81a+AobNtH/as8R20E7fZ7i2WWVP7zV9+ujPav5v3K+Ivic8Hhv9qW3byG2X9nsV0/vVOJ/gnlYj3oSPQK8t/aeuLKz+A3i+fUrVrywWCLzIUfZu/epXqVeW/tQXNlZ/AbxfJqVs15ZrBF5kSP8Ae/epXz0PjPm6H8WJ8u/sR614U1H4l6vFo+hz6bcf2VKzSvPv3L5sVfakMlt5Uvyyf99V+f8A+zr8TvCvgm98X69pHh+4iuNO0V5mWSb76/aIl2/+P16r4L/baTxPZeJJT4eaH+zNOe9/1v3/AJ0TZ/4/XTUpynLQ9bE0Jzqc8T6rhe2+zy/LJ/31Vuw8r+z7jarbP4vmr5G8F/tuR+KLLxE58PND/Z2nPe/637+z+GpPA/7co8RWGv7fD3kpp2nS3v8Arfv7U+5Ueykc31Sr/KfVVs9ttl2LJ93+9RC8HlS7Vk/76r5R8E/ttx+J4ddc+Hmh/s/Tpb0fvfv7F3bal+H/AO2tH4x/t1T4eaH7Bplxf/63723+Cj2cg+qVf5T6xsPI+z3GxW+7/eqvbPB8+1ZPu/3q+Vvh/wDtwjxXPrFsvh7yfsunS3v+t+/s2/J/49UXw/8A22o/F19qVv8A8I80ItrCW7/1v3tu3/4qj2Ug+qVf5T6utng2y7Vk/wC+qsaU8H73arfd/javkjwD+29H4uvtQtj4eaHyLGW6/wBb97ZU3w5/biHirUL+0Hh7yfI06e73eb9/yk37aPZyFLCVf5T6ptnttz7Vk+7/AHqLZ4P3u1JPu/3q+U/hz+2xH401m9sT4fa28rT7q93+b/zyieXb/wCO0/4c/tsR+NPEFzpp8PNbeXYXV2H83/nlA8v/ALJR7OQfVKv8p9aaP5Xmy+UrJ8v8b1UtXg819qSf99V8rfDn9uQeKPEUumr4e8n/AEWe43+b/wA8kZ//AGWofh3+25H4y8SDTf8AhHmhzBLLv83+6u6j2ch/VKv8p9X2z2vz7Vl/76qXSng81/KVvu/xtXyX8OP23I/GviVNL/4R5rbfEz7/ADf7qU/4a/txDxf4ni0tfD32bzYmbf5v91KPZSFLCVf5T6she2+0P8sn/fVFq8HmvtST/vqvlP4bfttx+OvF1tpB8PNbedFK2/zf7iM//stQ+AP234/FvjC30b/hHmh+0LL+983+7Ezf+y0ezkH1Sr/KfXWj+R9qfylZH2/xtVdHg+2P8sm//er5T8A/tyDxJ44t9EXw95P2jzU87zf7iM3/ALLR4J/bcj8VeO7fRP8AhHmh82WVfO83+6jN/wCy0/ZSH9Uq/wAp9WWz232j5Vk/76qXSng+2fKrb/8Abavk3wB+21H4t8fWOg/8I80P2idovN82pPhr+25H4s+IWmeH18PND9tuvs/m+b935qXspClhKv8AKfVKPB9q+7Jv3f3qIXg+1P8ALJv/AN6vlDwD+25H4y+IGk6F/wAI80P225S383zfu03wn+3DH4k8eWOhf8I80Iurn7P53m0ezkH1Sr/KfWlg8H29Nqtv/wB6mO8H29/lbfu/vV8o+Gf25E1Tx/baGvh5kaa8aDzvNpNF/bej1j4hJoX/AAjzIz3jQed5v93fT9lIf1Sr/KfV6Pbfavuyb/8AeqWweD7em1W3/wC9XyZov7b0eqfESLw9/wAI8yB79rTzfN/29tP8P/tvJffEy08Or4eZGl1P7B53m/7ezdR7KQfVKv8AKfV1y8H9pPuVt+7+9TN8H2r7sm/d/er5Ts/23o9S+Jlv4dbw8yNcamun+d5v96XZupln+29HdfEa38Pf8I82JdRWy87zf7z7N1L2cg+qVf5T6ytng+3ptVt+7+9RcvB9vfcrb9396vk61/bhRfiNFoCeHmy2oraed5v+3s3Ul5+2/H/wsaXQG8PNuXUWtPO83/b2U/ZSD6pV/lPq93g+1fdk37v71Ptng/tJNqtv3f3q+TtQ/bejs/iNdeHv+EeZxBqLWXneb/dfZvp2pftvR6V8TLvw8vh5nNvqbaf53m/3Zdm6l7OQfVKv8p9Y37wfb33K2/8A3qid4PtX3Zd/+9Xyn4k/bej034lXfh1vDzO0Oo/YvO83/b2bqZr37b8el/ESXw//AMI8ziK/W083zf8Ab20/ZSD6pV/lPq9Hg+3p8rb9396n38kH2x9ytv8A96vk3Xv23k0T4hS6F/wjzO0d4sHneb/e2UeKv24k0f4gXGiN4eZ2iuVg87zf72yj2Ug+qVf5T6vmeD7Unyyb/wDeod4PtX3ZN+7+9Xyd4w/bij8N+PL7Qv8AhHmmFrc/Z/O82pfiD+25H4K+IGraD/wjzXP2K5+z+d5v3qXspB9Uq/yn1jqrwfav3qtv/wBhqimeD7R8yyf99V8rfEr9tyPwn8QNT0BvDzXP2Kf7P5vm/eqPx/8AttR+EvH19oP/AAjzTfZ51i83zaPZyFHCVf5T6tmeD7Unyyb/APeqxrDwfak81Wd9v8DV8l+OP23I/Cfju40T/hHmm8lok83zf7yI/wD7NR8QP25V8O+NrjRm8PNN5XkL5vm/3kV//ZqfspD+qVf5T6sung81NySf99UTPbfaE+WT/vqvlDx9+3BH4R8YzaN/wjzTCFLf5/N/vRI//s9P+JP7bcfgXxdNpY8PNciGOKXf5v8AfRX/APZqPZSD6pV/lPrHVfI85NyN93+BqiuXtfk3LL/31Xyn8Sv24V8I+J301vDzXISCJ9/m/wB5d1M+I37bkfgvxF/Zv/CPNc7YFl3+b/eo9lIUcJV/lPq+6eDzU3JJ/wB9Vb1jyt0Xmqz/AC/wNXyL8RP23I/BviJdPHh5rnEEUu/zf767qm+I37cg8L+IotPPh5pt1rBcb/N/56or/wDs1HspD+qVf5T6puXtv3W5ZPu/3qLl4Nyblk+7/er5W+I/7bMfgvXbWw/4R9rkSafa3u/zf+esSS/+zUz4jftsR+C9W0+z/wCEfa58/TrW93+b/wA9Ykl2/wDj9L2UhRwlX+U+tNVeD/R9yt93+Bqr3LwbYtyyf99V8rfEb9uJfC+pabbN4eabz9Ot7v8A1v3fNTdtqHx9+25H4QvdNt/+EeaYXVjFef637u+n7KQRwlX+U+r7l4Pk3LJ93+9Vi/8AI+z2+5W2fw/NXyT49/baTwjeaZAPDzTC60+K8/1v3d275P8Ax2pfiB+3EPC9xo8B8Pecl1p0V7/rfub93yf+O0vZyH9Uq/yn1TNJbeVF8sn/AH1RcvbbYt6yfd/vV8rePv21o/CEehL/AMI8039o6ZFf/wCt+7v/AIah8a/tvR+GYPD8o8PNN/aOnRXv+t+5vX7tP2Ug+qVf5T66v/K/s+33K2z+H5qqTPbfZ4vlk/76r5W8cftyDw7Y+HWbw95y6jp0V7/rfu7k+7UPjT9tyPwvYeHZR4eab+1NOS9/1v3N/wDDR7KQo4Sr/KfV80lt5UXyyf8AfVfF37bmteFNO+Iuix6zoc+pXDaUjKyT7Nq+bLXR+Mv22k8M2PhqceH2m/tPTlvf9b939667f/HK8w/aM+J3hXxtceDPEGsaBPLcajovnKkM2Ni/aJU2/wDjtVTjKMjqw1CcKnPI+zf2Z7mxvPgT4Sl022azsmtn8uJ237f3r10fxa1WfRPhp4jvrbb5sVm+3fXOfsyXFjefAvwlJpsDW1k1s/lwu33f3r0/9pPXoPD3wZ8RzzqzpLF9nXZ/easvtnBy81f/ALePhT4CJ/aXi24vJ9r7m3/+P19y+DIYtE8q+WL/AES3+eWFP+WtfFX7OVms11KzN+93fKlfYej+fpuiSzs3nI0XzIle7SPr6hX0q8tviR8ZtKls7FYYnn/e29c/8XZl8Z/tpWVnEu+y0aD7n92uy/Z1htH8Uanrk7+T9ggZ/krgv2e4f+E5+M3jDxKzNM73TRLM/wDdrprfARH4j7T8K2ypbxfwf7FegaOn71PkrkdKh2W8X8G2u48PbJmrzQidxpafw/7Na33qo6emxUq95lWbDNq0ySn0SUAc/wCOdS/srwbrV47f6q2avzU0GzufEPjK4n3LsZm3J/er7+/aK1VtH+EeuyL/AMtYvKr4H+F0PneIH8qf97XZQj7pjUPzsmha21RN396v0r/Yt15bnwK9tu+7tevzZ1jck6eb99a+2P2HvENs+y283ZK0WzZurj+0dkvhPttH3tVuHytu7ayVUsJlhVJflfbVh7lnZ2Xb838FanCW/O2Mm2uo8MTKl0i1x/8AFXRaDN/pCUAeoQ/PT321XsH329W320Fnhn7XvhJvGHwP122WLe9uv2hX/wB2vlz/AIJ7+J4LbXrjT55WTcuxU/2q++PGGjpr3hzUNPb7txAyMlfmf8Cr+X4Y/tFS6VLc/Zrf7dsb5f4d9OJrGXun6d3MzJvibb81fE/7Vb/2D8dfB+ptF+62+VX2h9p+32/2ldvlNXxV+3I7abrnhfU9rTfY513f991tP3qR5tWP2Tvd+75v71YXjjwbpvxE8K3/AId1dZX02+VFnWFtj/f3/wDslaum3P2/TbS6+55sSvVivlj5b4GeIaF+xv8ADjw7a6rBZWl8sWqW32K633X/ACy3o/8Ac/volM0P9jj4ceHbfVYrK1vlTUrb7HP5l1/yy3o/9z/Yr3Kiq9pI29vV/mPDdB/Y4+HHhyLUorK0vlTUbZ7Wffdf8sn/AOAUaD+xr8OPDkepR2lpfKt9ataz77r/AJZN97+CvcqKPazD6xV/mPDdB/Y1+HHhxdQWytL5ft9s1lPvuv8Alk33/wCCn+HP2O/hx4TbUG0+1vl+32zWU++63/un+/8AwV7fRR7WYe3q/wAx4b4c/Y4+HHhae6ksrS+Vrq2a1l33X/LJ/v8A8FHhz9jX4ceF57qewtL5WurVrWTfdb/lb7/8Fe5UUe1mHt6v8x4b4d/Y1+HHhe6uJ7C0vllnga1bfdfwt9/+Cjw5+xv8OPCd5cXOn2l8ks9rLatvut/ysm1/4K9yoo9pIPb1f5jxDwz+xv8ADjwff3F3p9pfJLLay2rb7rf8sqOj/wAH9xqPC37Hfw38IajLfabaXyXElrcWjb7rf8kqPE/8H9169voo9pIPb1f5jw3w3+xr8OPCepvf6faXyTtFLb/Pdb/lZNj/AMH+3R4Z/Y4+HHhPU/t+n2l8k/lNFh7rf8rfe/gr3Kij2kg9vV/mPDfDP7Gvw48IasmoafaXyXCoyfPdb/vf8Ao8M/sa/Djwfqyalp9rfLdKrKu+63/e/wCAV7lRR7SQe3q/zHiHhX9jn4ceDNai1TTbW+S5iVlVnut/3k2N/BTfDf7Gvw28K61Dq9ja3yXkW7Yz3X95HRv4P9qvcaKPazD6xV/mPDfD/wCxr8OPDOvRazY2l8l7Fu2s918nzI6N/B/tUaD+xr8OPDniCLWbK0vkvYnZ1Z7r5Pm/4B/tV7lRR7WYe3q/zHiHh/8AY3+HHhbxFb63Y2l8l/by+ajPdfJu/wC+KPDH7HHw48J+JbTXdPtL5L+1l+0RM91vTd/3xXt9FHtJB7er/MeG+G/2N/hx4V8RWWuafaXyX9rL9oiZ7rem7/vim6J+xl8NtB8RW+t2lrfJeW8vnoz3Xybv++K90oo9rMPb1f5jw3Sv2Nfhto/iKHW7a1vvt8U7XCM918m7/vilsf2NfhtpviRNbgtb77ek7XG77V8m5v8AgFe40Ue1mHt6v8x4bY/sa/DjTfFCa9BaX329Lr7Ujfavk3b9/wDcosP2OPhxpviqLxBBaX39pRXP21We6+Tzd+/+5XuVFHtJB7er/MeG237Gvw4s/FUXiCK1vv7SivFvVb7V8nmq+/8AuUQ/sa/DaDxPFryWl99vjuVvVb7V8nmq+/8AuV7lRR7WYfWKv8x4an7Gnw1TxIuu/ZL77et19r3favk379/9yh/2NPhvN4nfXWtL77e919r3favk379/9yvcqKPazD29X+Y8Nuv2NfhrdeJ5fED2l99vluWvWb7V8nms+/8AuUXn7Gvw4vvFUviCW1vv7SlvGvXb7V8nms+/+5XuVFHtZh7er/MeG6l+xr8ONU8Ty+IJ7W+/tKW5+2O32r5PN37/AO5Rffsa/DjUvEj67Pa33295/tTt9q+Td/3xXuVFHtZh9Yq/zHh2pfsa/DbVfEj63Pa3329p1uGZLr5Ny/8AAKTVP2NfhrrHiKXW7m0vnv5ZVuGZLr5N3/fFe5UUe1mH1ir/ADHhetfsY/DXxB4iudZu7W+e8uJfPdkuvk3f98U7xP8Asb/DjxZ4ivdb1C0vnv7qXzZWS62Ju/74r3Kij2sw9vV/mPEPE37G/wAOPFniS71vULS+e/upfNlZLrYm7/vijxJ+xv8ADjxT4iudbvrS+a/uJfNdkutibv8Avivb6KPazD29X+Y8N8Qfsb/DjxN4gm1m+tL572VlZ2S6+T5U2/3P9ijxD+xr8OPE2uy6tfWl895Lt3Ml1/dREX+D/Zr3Kij2sw+sVf5jw3xJ+xr8OPFOtS6tqFpfPdS7Udkuv7qIifwf7NHir9jn4ceMtYl1TUrW+a6lVVbZdbPupsX+CvcqKPazD6xV/mPDfE37Gvw48Xas+oahaXzXDoqfJdbPu/8AAKPE37Gvw48Yap/aGoWl80+1Yvkutnyr/wAAr3Kij2sw9vV/mPDfE37Gvw48Wan9v1C1vnn8pYvkutnyr93+CjxJ+xr8OPFmpJf6ha3zzrFFb4S62fKqbF/gr3Kij2sw9vV/mPEPFP7Hfw38X6jFfahaXzXEVrBarsutnyxIiL/B/cSjxN+xv8N/F95b3OoWl80sFtFarsutn7qJERP4P7i17fRR7WYe3q/zHhviT9jf4ceKLq3n1C0vmlgtYrVdl1/CibU/go8R/sa/DjxRdWs97a3zPBaraxbLr+FfufwV7lRR7WYe3q/zHhviL9jX4ceKJ7We9tL5mtbVbSPZdfwr9z+D/ao8R/scfDjxRLZSXtpfM1napaxbLr/lkn3P4K9yoo9rMPb1f5jxDxH+x38OPFH9n/b7S+b7BarZQbLr/lkv3P4KZr37Gvw48Rx6bHd2l8y2NqtrBsuv+WS/d/gr3Kij2kg9vV/mPDdd/Y1+HHiKLTYru0vmWxtVtINl1/Av/AKNe/Y3+HHiO302K7tL5k061W0g2XX8C/8AAK9yoo9rMPb1f5jw3XP2Ofhx4it9JgvbW+ZNNtvscHl3X/LLe7/3P9un67+x38OPEVno9te2l80Wl232K12XH/LLe7/3P77vXt9FHtJB7er/ADGF4J8G6b8PfCun+H9IVl02wXbAszb3+/v/APZ68k/bV1W2sPgjdwTyqks90qRJ/er3ivlT/goRMsfw78ORbvna+b5P+AVdL4zbDe/XieJfs6208Nv56r86srrvr6r1XW2sPC97PEqpui/eotfNnwQtpV8MxeUu95W/75r6A8STS2Hgi0ilaPfcNsV0r6GkfWVPiNXwrMvg/wDZ/wDFHiFfv3ETRK7VY/Y28MfY/AtvfSrslupWlZ/96sL9oGaLwr8C/DXhCCX/AEvUmXzU/wB6vdfgh4ei8N+D9Ptmi2eVEqVdb3iI/Cex6PD/AA13Hh222fw/JXGWbsmxl+5Xoegp9yuMInV2ybIqlT5qhT7q1NQbD6KPMpn8b0AfN/7cPjBtE+HNppkTfPqU+xv92vmr9n7RInuLi8vF3xMvy16l+3NqDXPijRLH+CCBpdrVwvwH0rZZy3NzumVV37K9Cj8BEj8wfEnlvK7fxrXvf7GesQWfjC3Zm+7LsrwrxUkSXDrB9yut/Z41j+yvGkX91mWuKR0H622br5Xy7vmqwm5G+asfw3f/AGnRrSfzfkaJXrbR1uV3K29Ko5S28yuqLtrV0d97bm+TZWPCi7vu1oWz75fl+5QB6roL/wCip81ayJtrmfCV4zxfNXTIm9qAGbN/zfwV+Yn7W+gv8N/2jLTVY12W94yy76/T50Xa618Wf8FHfAzX/gXTPEsEG+XTZfmf/ZpxiVT+I+k/h74gi1vwLpl4rLMksC7Zkr5p/bt01ZvB8WoLE2+32uv+1XUfsPeOZfEPwxisZWV/svyJvaq/7Y1m2t+C72JYG/dL9+uz7BzVfdqHO/DHVZdb+H2hX0qqjy2y/IldLXmn7OWttrfwn0xmi8n7KzW//fNel18lP4j5KpHlnIKKKKkgKKKKBhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFfEn/BQ65b/hIPCVtvbY0Er7P+BpX23X57/tvarc6r8brfT5Zd9va2sXlJ/d3PXRRj7x6OAj+/Og+CE0Wm6bZRStvlZdipXuF54Va/8AE3h+xlVvJaVX2J8/y14v8JYV+1aVAsX73+F3r6L8B3N9puvaxrl3EvlaXAzq/wDBX0lD3T6eR5v8XNVX4kftKaPpFmv+haXt+RP9mvsXwfYNDYIrL/DXx1+zBbf8Jz8RPEHixtrvLdMi/wC7X3Fo8P8AD/ermqS94iR0Gjw7Nny16X4eh/0dN1cPolt8yblr0jTYVS3SuQs0ET5aKen3KJK1LGUz+Kn1X1a8+wabdzt/yyiZ6APzy/bJ8TtqXxYmg3furdfK+Su4+C2mxQ6NEsTfIy79j/xV4J4/17+2/iddzz/Okt0216+i/hii2ejPcxN9plWL5YUrvj8JzSPyB1tGm+bytlP8B366V4qsp2+5up95/plw7btkVYltN5OqRN/dauCR3H64fCHXv7Q8C2Uqxb/l2LXpEK7Ivl/j+9XgX7Kmq/2l4FSLzN+2voCGFfK/26uJzyLW1kVG/gq9D5qbPl+SslJN67V3fLWjZzfc3M2z+KqJO38MXTeb975K76H54q8s0eaL7Qm1mr0uwdXiT5qCC19xXrz/AONngaLx/wDDfW9Ili877Ratt/3q9A++9NdN0Lr/AHqCo/Efmz+xDqn/AAivxEvdBvJdksUrRbGr6h+P1hLf6Hd2LNvdomr5U+NOir8E/wBqqLU1VrbT7qdbhXSvtDx4mn+MPCVlqcDedFdQK6ujV1UyMR/OfFP7LWpT6VqPi7wneM3m2s/2qBH+4qt/cr6Dr5s8f+FdQ+G/xB0/xRp8kiRLL5V183yeV/t17noPj/QfE9uktjqdtM7L8yI33a8HF0uWqfPY2hyy9rD7R0FFG9P7y0VwnnahRRRQGoUUUUAFFFFAahRRRQAUUUUBqFFFFABRRRQIKKKKB6hRRRQGoUUUUBqFFFFAahRRRQGoUUUUBqFFFFAahRRRQGoUUUUBqFFFFAahRRRQGoUUUUBqFFFFAahRRRQAUUUUAFFFFABRRRQGoUUUUAFFFFAahRRRQGoUUUUAFFFFAahUT/O3y1Dc36wzLEvzu1V9V8SaV4et/N1C+gs0/vytQGpevLmKwtZbmVtkUS72evy/+J3iRviL8cNTvmnaaJrryonf+6tfQH7Sf7Wlteabd+GvCbb3b91dX3+z/sV84/DPQWvL99Qn/wCA/wC9Xo4aMo+8fR4DDSj+9kfTfwrtmtvtDSqv2dYPvv8Aw11HxU1a58DfAXUNrMkuqfIv+1XOfDf+1by1TRV8vyr+eKL51/26vftCXkvxC+KvhrwLYyrNZWbKkqQ/cr2/hpnq/bPXf2OfA0vhv4b6Y0sSo9wvmtX03YJ8yeVXH+BtEi0fSbe2iXYkS7Nldxpqb22r8lcEpES+I63QbP8Ae16BZ/JbpXL+HoflSutRNtYxLiTR0zy6PMpn3q2LH1xnxX1tfDfw+12+ZtmyBvv12G1a+f8A9snxPFonwtezaX97eS7FSiPxAfDWluuseI/tkqq6NP8ANvr6u8DWf2Dw5LFZ7UeWJtr18k+ALNbnXIvNVnRpdjJX2R4DvLO20Z4Nux2+SLf/AA16XL7pzfaPxn1iHZKiqv8AvbK5/UtqXXy10usXn+lS/wADt/BXP3kP/ff9+uCR3H2h+xD4/aG6fTG+dGi+WvuPSkluG/8AQq/LL9l3xa3hvxpZbm+TzdjV+ouj36vYeasXyMtETKpEuvC/m+bF8+2nxzL5vzfI9RO+zYr/AHKsJ5XlbmX56o5zd028ihZNtekeG7n7TBuavJ9NmXzk+XfXe+Fb/ZL5VAHdp81MdN1Ph+78tP8Avq9BZ8c/8FDPhi3iHwLb+I7OLfd6b950/u1x/wCyX8e9P8T/AA7TwrrE/wDptn8ltvb52Wvsb4neFYvG3gvU9FlXelxEyV+Ll5NqfwZ+J2q6Zva2uLO6aLfWkZcpXLzx5T7F+MF+z3UqLFviTduRq+YvEOm6Yl1LeWbT6Vcbv+XeXZT/ABD8crvWPKS+n/h+b/arlNS15b9d0Eq/399bS5ZhGHL7ppp4z8Y6bdJLZ+Krt/K/gmraf49/EZGRW1+BN33d8VcFDfxSMi7vkaoptVge4bd86L8iu9c31anIJYalL4onrWj/ALTnjrSrd4rmfT79/wC/NWnD+1d44/6Bmmv/ALjV4E81q7fN8++rFttdXVf+AvUfVKRj9Sofyn0LZ/tb+Krb/j88NR3P/XvLV2b9s+5h+ZvBl3s/66182+d9jl+WRk+X7+6hLyeZXbz2T/Y3VEsJEx+oUf5T6Kf9t7Y3zeELtP8AgVXtK/bk0Ga426noeoWcW376Lvr5sh1W5j+7P/33Vt9Y37Fn2u/+7UfU4hLLaB9O/wDDcPgL+KPUk/7YUf8ADb3gCRf+Ygn/AGwr5Subz7TKn7iN93+zVeaG0dtrQR7/APdqPqJl/ZtA+sP+G2PBX/Pe5/78U5f21fA/2d9t5J5q/wB+KvkdNHs7lv8AULT/APhGLH5/3C0fUSv7PoH1xZ/tpeDH/wBfOyf8BrTh/bJ+HbrubUGT/gNfFj6Dp7qirbf6RTJvDGnuqN5CpR9SCWW0JH3BH+178N3/AOYvs/31rQt/2qPhvNb+a3iO2R/7jt89fBtz4MsU+doFqpc+DLFLjbtolgif7LoH6EJ+0z8OZlRl8S2m9v4N1Xf+GhPh8/8AzNFj/wB9V+c//CDWb/Kr/PSv8PYPkXzfnrH6pIX9l0/5j9Gv+F9eAH/5mWx/76qwnxs8Dv8Ad8R2P/f2vzXf4e/vtvm/PR/wr2VG/wBayP8Aw0fVJk/2XT/mP0wT4weDn+74hsf+/taD+P8Aw5DLEra1Zb5fu/vUr8v3+Ht47f61v++qE8B3Kb/NnkTb/tUfVJi/smP8x+pX/CW6H/0F7H/v+lL/AMJVor/8xW0/7/pX5Yp4MuX+ZbyT/vqj/hGL6H5VvJ/m/wCmtH1GRH9k/wB4/VD/AISfSH/5itp/39Sn/wDCSaR/0E7T/v4lflonhjUN21b6f/v69Nfw3rUP/L5P/wB/Xo+oyD+yf7x+pv8AwkWlf9BO2/7+pTv7e0r/AKCFt/39Svyt/snXPu/brnb/ANdXpr6Vr1t83265/wC/r0fVJh/ZP94/VX+3tN/6CNt/39Sj+3tN/wCgjbf9/Ur8r/sevbd0V9c/9/Xqw+leI3t/+P672f8AXV6j6pIP7J/vH6kf29pv/QRtv+/qUf29pv8A0Ebb/v6lflp/ZXiPajLfXez/AK6vTP7K8QzN/wAhO7+X/pq9X9RkR/Zf94/U7+3tN/6CNt/39Smf8JJpH/QTtP8Av4lflq+j+IXb/kIXL/8AbV6SbwxribWa+n/7+vR9RkH9l/3j9SP+Ek0j/oK2n/f1Ka/irQ0+/q9p/wB/0r8tE8N6v/z+T/N/01emf8IZq83zNPJ/39o+pSD+y4/zH6lv4w0Ff+YvY/8Af9KzLz4qeE7CV459esUdf+mtfmK/g/U0Xbuk/wC+qhfwfqH8TN/31UfVJFxyuP8AMfps/wAZvBKfe8Q2P/f2q7/HjwEn3vEtj/31X5o/8IZqG35W37v9qnp4Gvv9+r+qSNP7Lp/zH6Sv+0D8Pk+/4lsf++qif9o34cr97xVY/wDfVfm+vgm53fNtqwnga5f5dtH1SZX9l0/5j9EJv2mfhvD/AMzLaP8A7jVlP+1p8O0b/kLrXwS/gC5h2Ky7KmTwMz/eZd60fVJh/ZtA+6H/AGvfh3/0E2/75qF/2xvh2jf8f0j/APAa+H4fAbTN9756r/8ACDSwyurUfVJj/s2gfcb/ALZnw+Rv+Pmf/v1UU37aXgCGJ2Vrl3/h/dV8Uw+DG/us9Xn8B+Zbp8yo/wDco+oyD+zaB9ZP+3D4T3fura5dKrzft0eGk+7p9y9fLsPgmKHZ8u+rSeD4HV5ViXZV/UpFfUKB9Jyft1eHv4dKuXqJv27dD/h0ievmz/hErb5Pl+9UqeEot3y7dlX9RH9Tofyn0Q/7eGlfw6HP/wB9VVuv287FIv3Wgyb/APerwf8A4RKB03LB8lH/AAhi/ea2+T+/R9RK+pUP5T2J/wBu2++8mhrVd/289T/6AK15U/hKBGRWX90v8dMm8HxJ8yxb0ar+pB9Sofynrf8Aw3hqe3/kXPn/AN6qVz+3V4jf5YNBjSvN08MK/wAsUHzrV2bweyL81tV/Uol/U8N/KdBN+2l44mZ/LsY0/wCA1Uf9sDx/dLtVY0/4DWVD4XZF2+R/47UX/CMNZskU67Gl/jq/qkQ+rUf5SWT9or4gvLLKty2+VdjPXCeJNb8VeLXdtTvrm5/32r0OHwfL9o8iJd//ALNUVz4el+0bf7tbfVIxNY0qUfsnkkPhtoWRp1avSPBKL+6g3bIq27XwfeXLbWi+Rf79dVongaW/urSzig+dm+VE/iraNA35j174XaaulaDrfiqVGey0m1Z4nf8A561y/wCyvo8vjz4kan4snVnTzW8p3pn7S3iFvh78PtH8BaVK0N7fsv2qFK94/Za+HreD/BtlEy/vWXe1Y1pe7ykf3j3vStsMUStXUaVbq8u1VbfWJZwqmzb9/wDuV2fh6zWTZXCRynYaJbLDbpu+/W792qVnDst0rQquU2IafT6Z8tWAV8Nft7eLVm8WaPo6tvS1i81k/wBpq+4nZUV2b+GvzF/aT8Sf8Jb8WtbnZl2LL5S/8Bq6cfeIkZPw6haG/t52i/i37P71fUHhvTZdSiedtvleV/B/DXgnwu0eW8tfNllVIl+9v/hr6R8H+bDobLErIm379elL4Tn1Pxh17Svs107bmfd/HWLMi7X2/c/267DxUkD3Dz2bM8X9x65e8htn2NbTts2/Mjp/HXnnoFrwBqTaV4gt2Vtnzffr9YPhF4hbxD4N0+dpd7+Uu6vyHhfybiJ1/hav0Y/ZC8YRX/hX7H5/76L7qVlEmofT2xpl+WrGxXiR/wC7VGzmabfu+R9tTJu2/wB+tTkLW/7u3/vuuj8N3Lw3CN83+/XLp/tN8lbejzMjI38DUAexWFxvt6vfw7q5/wAPXKtborNW7QWE1t50Xy1+Yn/BSP4My6D43sfGen2y/YryLZdbV/5a1+n2/wCX5fuV5T+0V8Nbb4qfDTUtKlg86XymeL/eoKjI/D97lrxdzRb03fM9V5rlU3urMifw1oeJ9LufDOvahpE8TQy2s7RMj1lXO37QkSsuz72+tInQWNNvJ/NdWbe7LW2l+t4qL9mjRF+TZWI6RPdQyyq0Nvs++lP+2QXNxb/eSKLcjP8A3q25gN2HVdPtmilns/O+bYyfwbafDrFjDqO/yN9v/cdvu1z6aqsN4/lRM6Kvyo9SpeQeV5snzu33qjmA2L6/tXuHaz+S33b9j1LqX9lTW+ntZtPDKv8Ax9b2+Rq5/ZFD95v3TfwVY+0wQqiL++dq0A2Ps1nNM/lXOx/7jVNeQy2e+KKeOZP7+2uftpmhuP8ASV2ea1Wm83duWVfK/v0ElhNrtuil2bfvP/erQSwi+y+ezLvb7qVizTL5SeV9/wDiqxpqRX8qRLPsf/aoA1Uf7VNtXbC6rV2z037YreReRv8AL8yNWOlxBprS/ad3m/30qrMnkypPFFJ5Uq/3qA5TShtp3leBZ1+0fcWrf9lLZr/pk6zP/Ds/vVlWc0SL5rSsn916ltniuZdrMzp/6FS5QNC2s5bm3l3Sx7/v1X8lobdN0Su7femqK/dbO6RVZt6/J/sUX9+0Nxujib7O39/+9WhBoOv7tGli2Sr/AB1CkLPsllb/AL4qvNeSzW6feeX+LZ/DUSXM/wBvRf4F+6lLlAu74kZ523fL8n+9UUNyzzpcqzfum/1L1YmfzmdWVfNX+CpUhle3lgWJXuGXfv8A4NtRygNudVa53ssXk/7dFrqrQ7/NVbnd/fpiusLJZxN50v36YiQXNvuuW+zO3yNWgAlz5Nq7Sqv3vlqwk1nNbu2396tV7m2V28pWWaJf9VT7bd5u1YPmb+CgCWze2hZ2Zd9TJf8A2y1SKVfnWXfv/vU7dE7bWXY/8Sf3aie2Wwuk8p1mRl3r/tUAEKb7/b/yyqwiRTSv8uxP4Uqv5L3X72VWhTds30+ab+yotzL50v3NiUAELwW0u7azvF96pX1JnukaJVTd91arvbN9l82VWhll+6lP8lbnS2nZWRov4P71AGlNqrOsqrBGifxVEky3jPtiVJW+dkSs+2mZ9P3fLv3f6n+Nq03dfs/mrE0Nx/cf79AB9jg+edfuN/BVf7M1yzrubYtXbOaC5V1l/wCWXz7KqPqv2NvtkUHyK3+qqgIobBfN81pdjr91NtWLC2+0xSt/HK3ypRc3ivK8qr+9b59iVYhS5+ypqa+WlovyNsb51apApW0O9ZU27Lhf79WJrBbmdPNl+zJtq1cvFNZ28vywwyy7Gd/v0TWyws8Vyypt+eL/AGqoCqltEivt2/771PZw2dsu5lb7Qy/8AWmwvbSS/wCksyJWnbeR5sqwf6TuX5N/ybaAMfyYPKbdGr3Dfcf+7V1Es0uP4vNVfl/36z5ofs0vm3Ksibvl2VL+6hTcys9w3z7KALbpFcq6z3LfaFbZsRfkquttFZ2bxeVvl/v0/fKkXnrB8krVpXOj3Nhbxag6/wCt+8n+zQBlfZokVW2/Ov3q0EhsbXS3+bzpbj5F3/w1F9jvry3doGj+b+D+OnabDLNJtitt/wAvzb/71WANZslukETq+359+2mpYLMrytFsf7lS+c1hcPBLE2z7/wAn96tBHivFRmdkl3f6pFoIKlnYQXO9aayQP5tnB8kX31eug0qzgS4fyG/0f/lrvqjdabFZ2t21tue1b/ls61fKBnvo9nZskv3/ADV2L/vUJ4X2Lub50b+BKvWEMSKktyrJ5S/uodv3q2neB7dGtvnRl/ev/wA8qOUk51LbyZYoGX5P4f8Aaq0/kTR+Uyt5q/wJWxNDBa3kS+V53yrt+b+GrNslnpWqXs8v76Lyl+/9+jliLmOZubPfbxJ5G9Pv76sJbROsUHkbEX7z1tvDE+k3DQTqiN8+ys9PtN/b+asXko3yLV8sQ5iWF4La4SC2ttkqr8zv89PsLC8mieVpVT5tq1a/sqX7Bb3MVyu9W2z1euYZZrOJYl8mKL53mo5RmPeWc7xOzL/wNFpj6bbXixTzrvlVV2/7VXX1WfR4reXyvtMUrfcb+KiaFYZbjz4mm/5a7If4aQFv7A15K9y0Sw7YtkWyqVnbfb7qKKeBYU3ffT+KpbbUrmazt12/updyfe2PFT5tYiSL7C0WyWL/AJbJ/doILSaau64gX+L+OvTvhL4YXTYLvXrldkWkxM/2ib7n+5XE+GLZf7Wig3NNFKv7q42/erY/ai8YSfC74X2Xhe2uVfUL/wCdvJb726pqS5YlnkXhWwvPj3+0PLqt43nafYSs/wDsV+gvhXTVsLeKBV/hr51/ZC+F3/CN+EotQuV/0u8+dt9fUtnZqjIu7/gdeJVFI27OFX/i+da9A8MW3yp8tcPpVhL9oT+NGr1Dw9bbIk+Wo5S4m1D92ppKZQj1ZYUzZuqbZuo+4lAHM+PNeXw34P1XUJW2eVAz1+U81z/wkPjK4knVpkllaX71foB+2T4q/sT4Xy2cUuy4vG8pUr4C8E232/UpW/5a7tm/d92uyhEiR63om57y0VYGtklXZEkP3Gb/AG6+gvA2pSppctnP8+1fmTb9+vFdKhlTxHp9tAv+iLBvl/3v9ivYvCVyv2Vm3K93tb5P7tdkvhOfU/IXx1Gtm8giGwO2SK4mb/XQ0UV5h3ELD79fVv7GOpXCeIDCHPlt1FFFSUfoBb/Nark1ZVj9oRe1FFUcpPAoaVlI4NSx3DrMmGoooIO98HXUjMmWr0DaNme9FFBYu2kkUPG4IzRRQB+R3/BQ/wAH6X4a+NCT6fb+Q2oQeZOvYt6j3r5Wt7dMb+d1FFB0RLCqZo03sx+b1qvPbovQfcf5aKKsons40bT3lZQZPN2bj6VXvYFXUFQE7P7uaKKcQJdQ/wBda/7S80RYmt5mI2svQrxRRW4FqSZnaPOOFotcmJ1ycUUUASQL9pvjbuf3SL8oFRec1rNuj4IoooAt/wDH1G4k+b5s1qaUokuoInAZAvQ0UUAPuLWNoZVxgeftGOwq8+l27+F3l2lZEb5WU4NFFWBn3ErHToNx3eue9X7uziuIbXevIXdketFFBJW8lLO4eGMYj3dDTLtvkyONrcDtRRQQR6eCZm3MzlTkFjmpLy+mKz4fbheMUUUALpuWCyEneP4q0LGxivrw+dl9rZHNFFAExAVmkCgMWqB5WWMYOCW60UUARSSFlkJ6ls5rasbeNZJDsDELxuoooAzNRkb/AEeHP7tm5WkuJ2+ykjA8v7tFFAFLS7ibUkIuJWcK2RzWxqFuqxQBSVD/AHgD1oooAYQJL5SQMj0pmpXEkUzShiWP97miitQIbq6cahJjA3LzitHUJPLs7cKADKMMwHJooqAKcKiFpWXliuMmqtvJJJYvGZG8snJTPBoooA2tQuG+w6WhwQytnirmpqGtbVmG4j1oooAsTFZNNEhjXcq8ECp7Kxhult9y7fNOG28ZoooAqX2lwrdPGxeRE+6rtmukijjsbZZ4oo/M9WGaKKAMFrh7yzljkxszkBeMVUvNSubqOOCSVikf3aKKIgdBosxhjlYKpZY8AsKzYLqRXhAOARnFFFWBCsrRws/3isvG7muqttsMiSIiq+3G7FFFESJFW+tlt75UjLKjNllz1rajhUwImPlY4K0UVZJAsYhV2HzbXXAbkVl64xhLxRny0aTJC0UVQFzRbdI7qK45aRPu7uRVy+KzXMZZFJXdziiigDL1KU/ZZQoCAjHyjFbFmgfR1U5+797vRRQKQyxY2tnKqncGdQd/NT6TqU98zW0rZhP8IFFFBkHiL9xFayoAGJwR2qK1vpYWiKn7/wB7I60UUFjLf/TNSlgkJKL0wea0PENjDDDaFFwc+X/wGiigD0X4bwpN4mwygi1h8yMejV86+L76fxx+0bb2uryG4t4Z/kj6CiiuWuWfob4RsYdP021SBdiheldxbwq2ziiivJA7bw1ChZTivRdNUJFgUUVJUS1SbaKK1LJI6H+5RRQB8Sft4apcHWNHst/+jrD5m3/a9a+ePhTp8N3o140i/MrZBFFFd1ExqHsXg+4Z/BqXLYadZ9gcjnFeveEdPhh0PUZVX940TZYmiiuqqZH/2Q==)Suunnitelmana on luoda perinteinen matopeli, jossa pelialusta on musta mutta muuten peli olisi melko värikäs. Tarkoitus oli luoda pelistä samantyyppinen kuin alkuperäinen matopeli Nokian 3310 puhelimessa ja sitä aiemmissa malleissa. Eli pelissä on reunat joihin osuessa häviää pelin. 3410 mallista eteenpäin peliin tuli uusi ulottuvuus, että seinien läpi pystyy mennä ja ilmestyä pelialustan toiselta reunalta, jolloin ainoa tapa hävitä peli oli törmätä itseensä, mutta sitä mahdollisuutta ei ollut tarkoitus tähän meidän peliin luoda.

(inspiraatiokuva)

Kaavio pelin kulusta



HTML

HTML-sivulla luodaan web-sivu jolla peli on. HTML-tiedostossa on linkit haluttuihin CSS ja Javascript tiedostoihimme, jotta saamme peliin luomamme muotoilut ja funktiot pelin toimivuutta varten. Luomme pelialustan ja määrittelemme sen koon jolla matomme tulee liikkumaan. Sen lisäksi luomme sivulle tekstikentät, joihin tulee pelin sen hetkiset pisteet, sekä huippupisteet jotka kasvavat aina kun mato syö ruoan. HTML:ään luomme myös paikat ”game over!” sekä ”play again!” teksteille, jotka ilmestyvät näkyviin, kun mato törmää joko itseensä tai seinään (eli häviää pelin).

CSS

CSS-tiedostolla määrittelimme suurimmaksi osaksi HTML-sivua pelialustan eli canvasin ulkopuolelta mm. ohjeistustekstit sekä ruudulle ilmestyvien tekstien fontit, sijainnit, tekstin värityksen ja fonttikoot. Tyylitiedostolla lisättiin myös taustakuva. Pelialusta ja sen sisällön muotoilut ja värit tehtiin lähinnä Javascriptilla.

Javascript

Javascriptilla luodaan pelialustan näkyvyys ja värit, madon liikkeet, kasvu ja ulkonäkö, ruuan näkyvyys ja sijainti sekä päivittyvät pistetaulukot. Mato luotiin pelialustalle määrittelemällä sille sijainti x ja y koordinaateilla sekä sen koko pikseleillä. Madon ja ruuan muoto asetettiin tekemällä peliin 5 neliötä peräkkäin (em. koordinaatteihin), joista mato muodostuu alkuun sekä täyttämällä nämä neliöt valitsemallamme värillä, jolloin pelilaudalle ilmestyy matoa muistuttava kuvio.

Madon liikkeet saatiin aikaiseksi Javascriptin funktioilla, joilla madon eteen lisättiin aina uusi neliö ja samalla perästä poistettiin yksi neliö, jonka avulla saatiin näyttämään, että mato liikkuisi sekä funktio joka arpoo pelialustalle eri värisen neliön (madon ruuan) ilmestymään ihan mihin vain pelialustalla. Kun mato syö ruuan niin pituuteen lisätään eteen yksi neliö, mutta perästä ei poistu neliötä, jolloin mato kasvaa.

Madon suunnan muutos on määritelty Javascriptiin näppäimistön nuolinäppäimille. Peliä ei voi pelata muilla näppäimillä tai hiirellä (play again-nappia kuitenkin painetaan hiirellä). Lisäksi madolle on tehty funktioilla tapahtumat jos se törmää seiniin tai omaan pituuteensa. Tällöin peli pysähtyy ja ruudulle ilmestyy HTML-sivulle kirjoitetut tekstit/uudelleen pelaamisen mahdollisuus. Peli alkaa heti selaimen avatessa ikkunan tai play again-nappia painaessa.

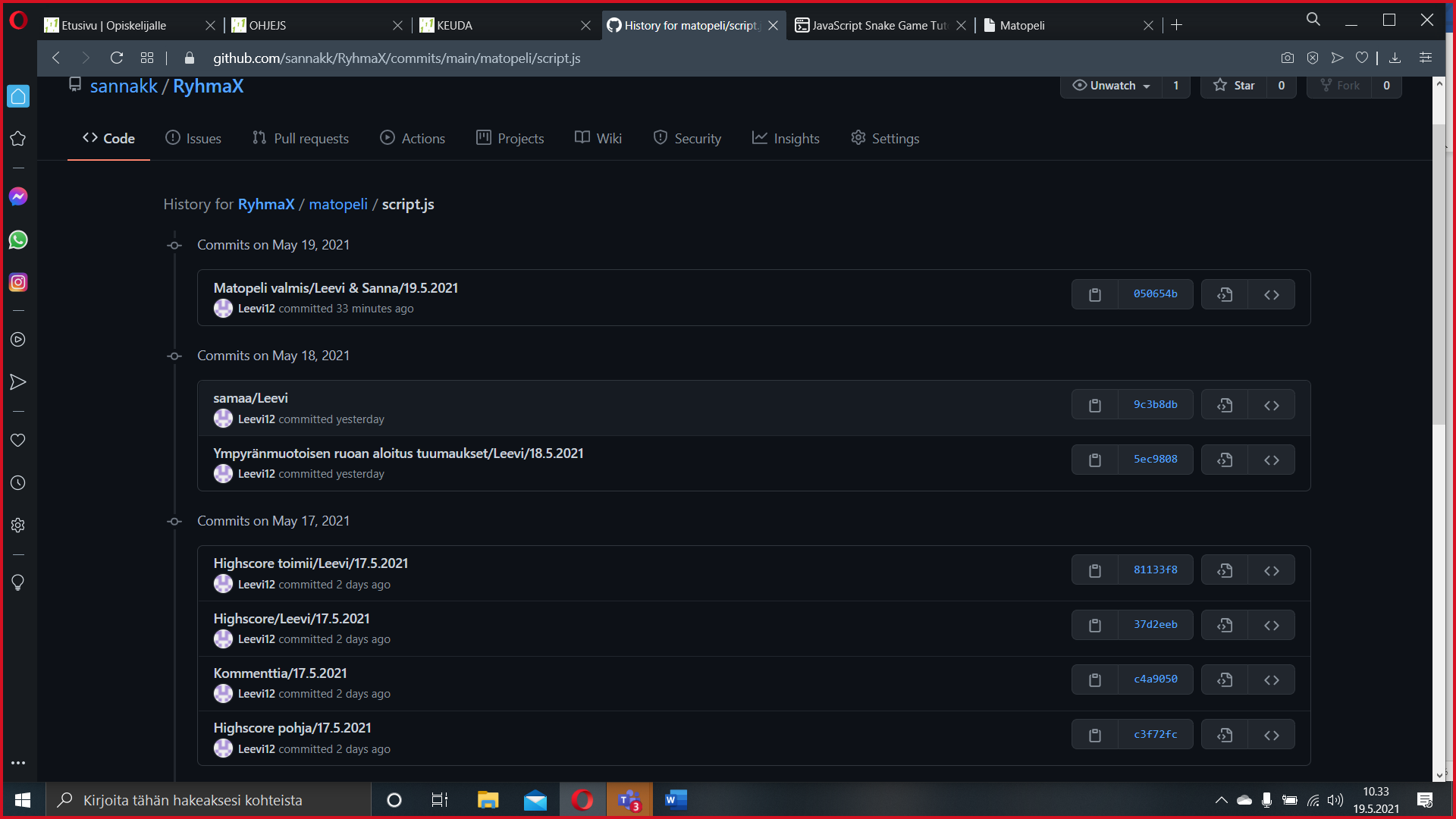
Pistetaulukoissa käytettiin local storagea, jossa ne tallentuvat selaimen muistiin, jotta huippupisteet näkyvät edelleen, vaikka pelin lopettaisi välissä.

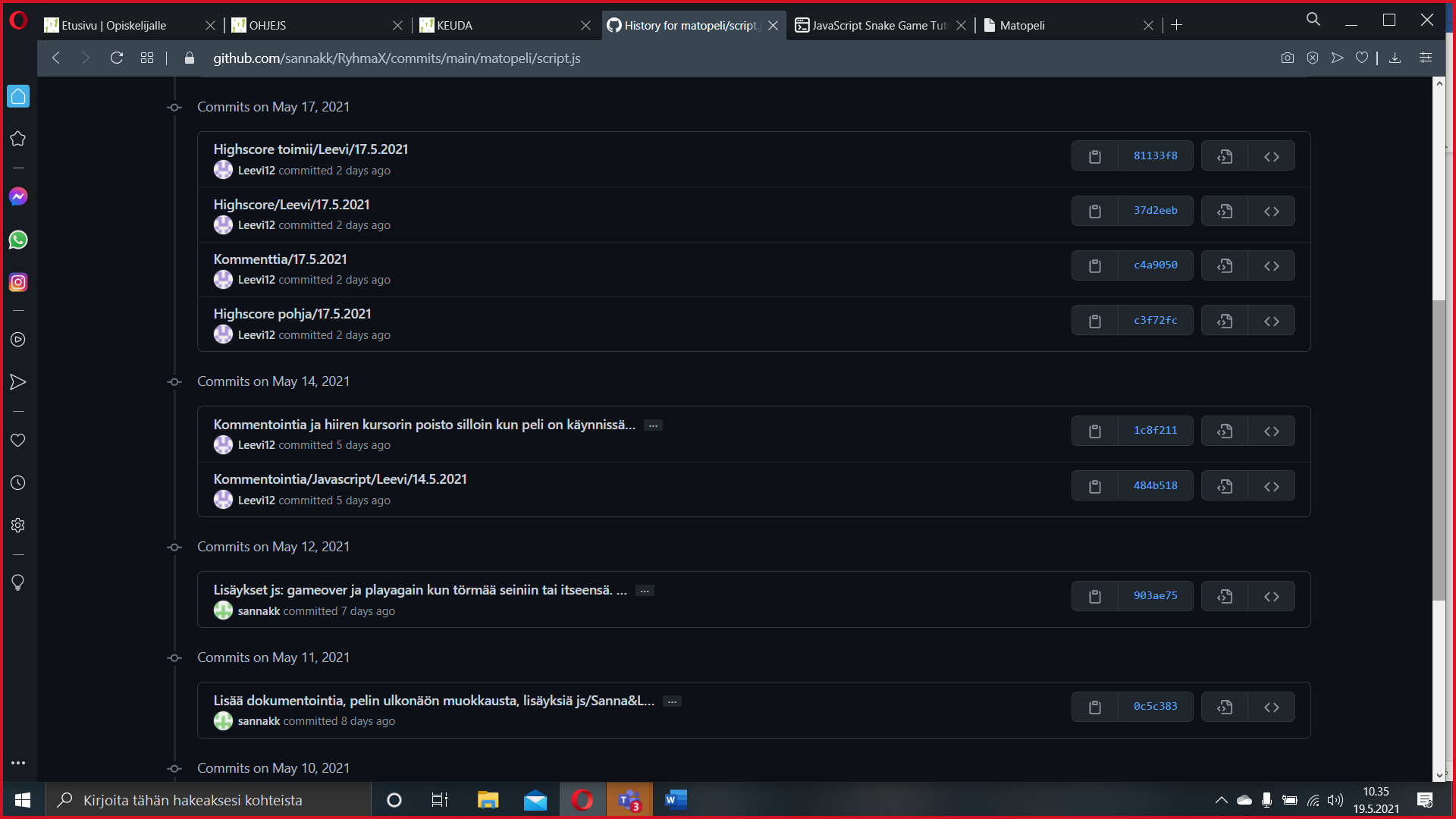
Mockups

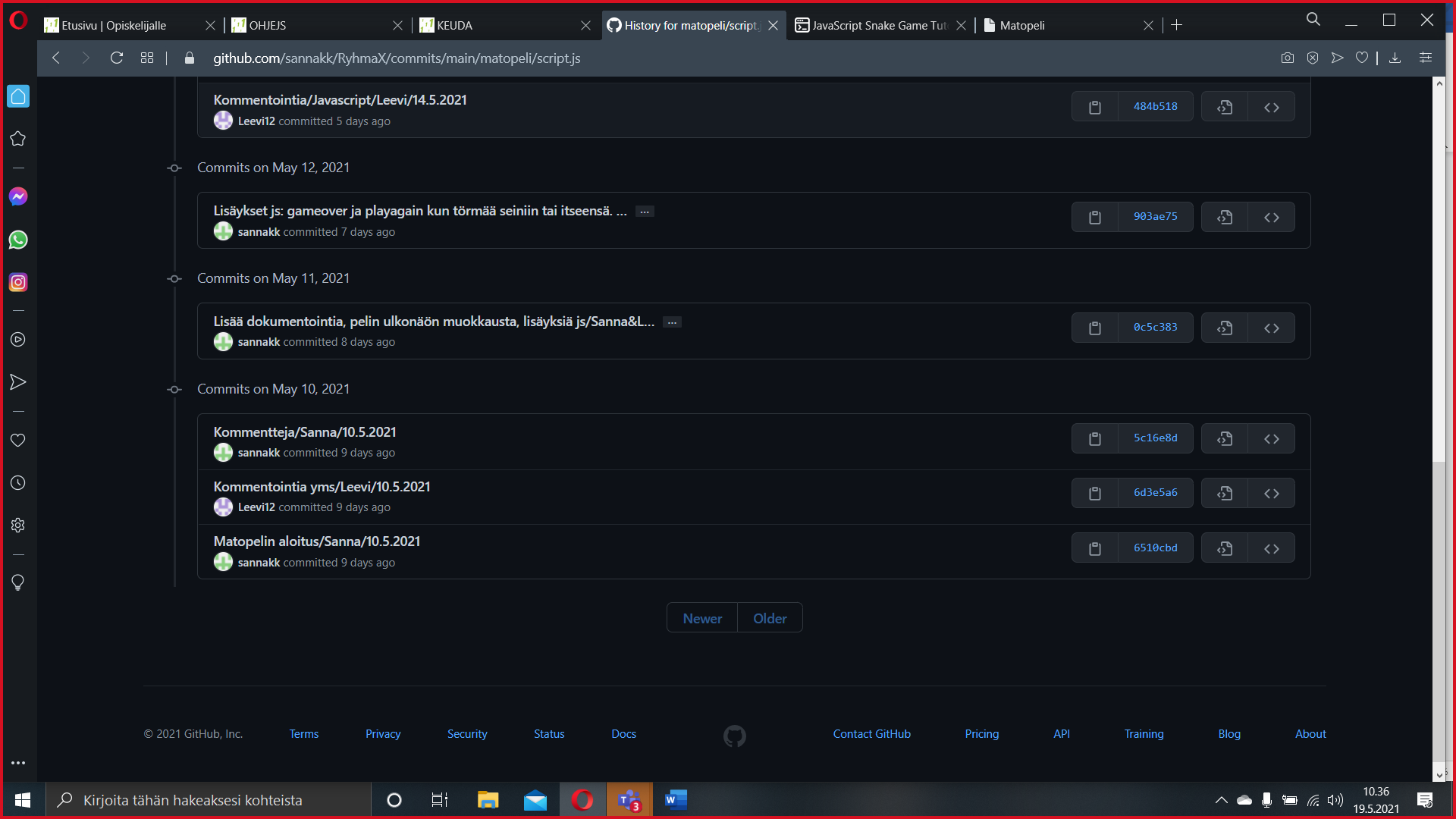
|  |
| --- |
|  |
|  |

Työnjako

Tämä projekti tehtiin kaksin ja sovimme, että kumpikin tekee kaikkea tasapuolisesti. Sen lisäksi, että teimme projektia molemmat itsenäisesti niin teimme sitä myös yhdessä teamsin välityksellä. Pelisivun ja itse pelin ulkonäkö ja toiminnot sekä dokumentointi on yhdessä päätetty ja luotu.



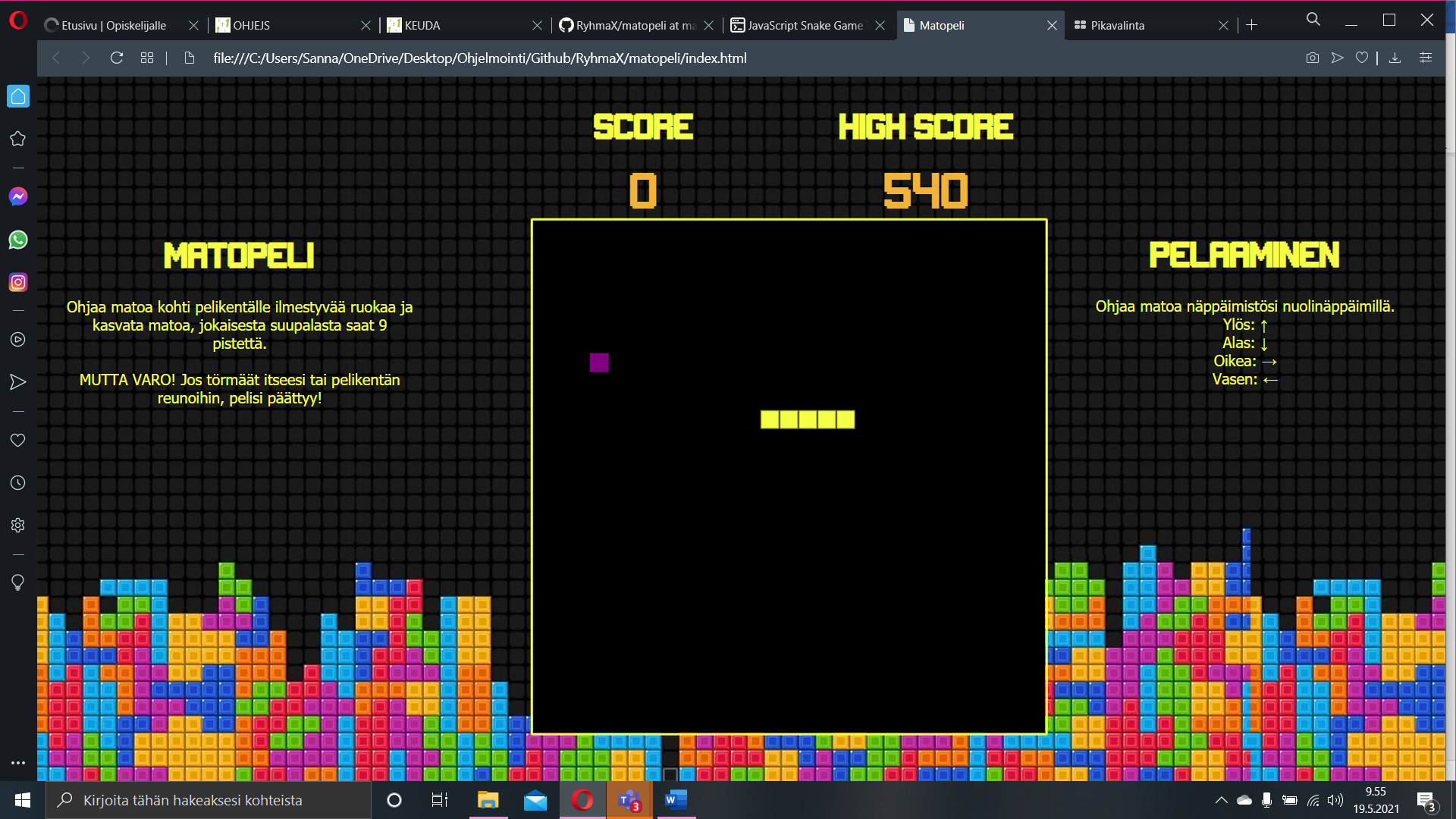




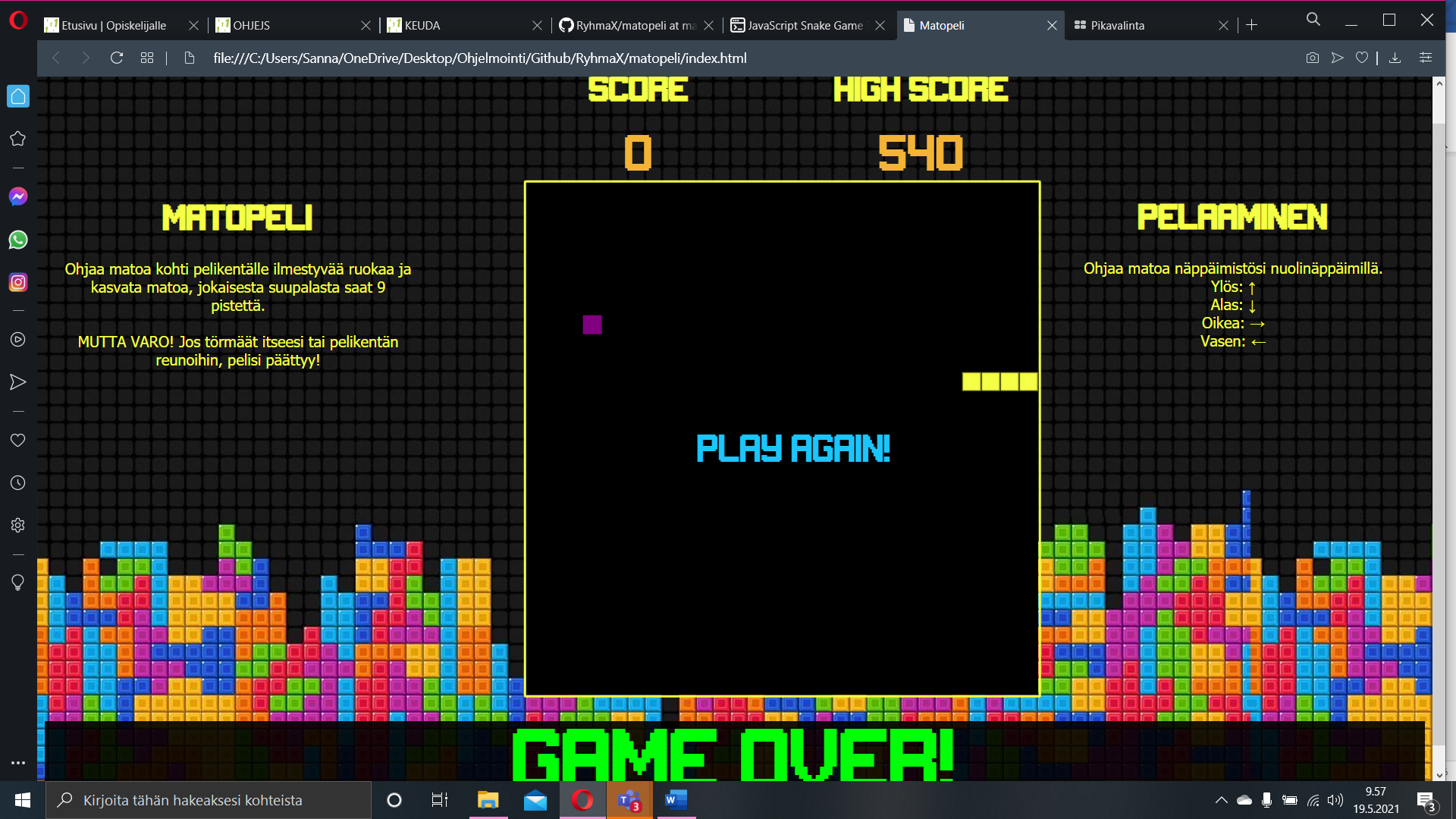
Näiden lisäksi olemme kokeilleet erilaisia vaihtoehtoja ja ideoita pelin ulkonäköön sekä toimivuuteen liittyen, mutta kaikki eivät päätyneet lopulliseen työhön emmekä tallentaneet githubiin kaikkia niitä vaiheita jotka eivät päätyneet lopulliseen peliin.

Valmis peli

Alku



Game over



Pelin testaus

|  |  |
| --- | --- |
| **Mitä testattin?** | **Millä tavalla?** |
| Pelialusta. | Testasimme näkyykö pelialusta HTML sivulla ja onko se sopivan kokoinen. |
| Madon muoto ja koko. | Testasimme eri kokoja madolle kunnes löysimme mielestämme sopivan. Sekä määrittelimme sen muodon. |
| Madon liikkeet. | Testasimme sen niin, että saimme madon nopeuden sopivaksi ja ettei madon pikselit irtoa toisistaan sen liikkuessa eikä myöskään mene lomittain kääntyessä. |
| Madon siirtyminen | Tarkoitus oli saada pelialusta näyttämään siltä ettei mato jätä mitään jälkeä itsestään jälkeensä vaan että pelialustalla näkyy vain ne neliöt, joiden on tarkoituskin näkyä. Testasimme matoa liikuttelemalla. |
| Madon ohjaus. | Testasimme, että madon kaikki liikkeet toimii toivotusti nuolinäppäimillä. |
| Madon törmäys seiniin tai itseensä. | Tarkoitus on että mato ei voi mennä itsensä eikä seinien läpi ja jos se törmää itseensä tai seiniin niin peli loppuu. Testasimme törmäilemällä madolla niihin. |
| Huippupisteiden päivittyminen. | Testasimme syöttämällä matoa sekä lopettamalla pelin ja aloittamalla uudestaan pisteiden päivittymistä (mm. konsolista) sekä pisteiden säilymistä. |

Ongelmat peliä luodessa

|  |  |  |
| --- | --- | --- |
| **Mikä virhe oli?** | **Mistä se johtui?** | **Miten sen korjasimme** |
| Matoa ei näkynyt pelialustalla. | Emme olleen tehneet funktiota, joka ”piirtää” määrittämämme madon osat pelialustalle. | Tekemällä funktion, jolla saimme näkyviin madon neliöt sekä sen värin määrittämässämme sijainnissa. |
| Mato pystyi liikkua itsensä läpi. | Madolle ei oltu määritelty sitä, että mitä tapahtuu jos sen pää osuu sen pituuteen. | Tekemällä funktion, että jos madon pää törmää sen pituuteen x tai y akselilla se pysähtyy ja peli loppuu. |
| Törmätessä itseensä peli loppui, mutta Game Over teksti ei ilmestynyt. | Puuttui innerHTML-teksti funktiosta, jossa määritellään mitä tapahtuu jos törmää itseensä. | InnerHTML-teksti piti sijoittaa kahteen eri paikkaan, jotta se näkyy kummassakin pelin lopetus tavassa. |
| Pelikentän sisäreunaan jäi tilaa, vaikka madon olisi tarkoitus mennä reunaa myöten. | Laitoimme pelikentän koon 550 x 550 pixeliä ja mato oli 20px leveä, joten siitä johtuen jäi 10px tyhjää oikealle ja ylhäälle. | Muutimme pelikentän kokoon 540 x 540 pixeliä. |
| Ruoka ilmestyi ns. puoliksi rivinen väliin. | Ruuan sijainti funktiossa oli väärät kokomääritteet. | Määrittämällä ruoka samankokoiseksi kun itse mato niiden reitti meni kohdalleen. |
| Madon piirtyminen pelialustalle jatkui loputtomasti. | Koodissa oleva funktio, joka päivittää pelialustaa jatkuvasti, jotta madon neliöt eivät jää näkyviin muutakuin niissä kohdissa missä mato sillä hetkellä on ei toiminut toivotusti. | Funktiolla joka päivittää laudan aina sen jälkeen, kun madon tai ruuan neliöt ovat siirtyneet. |

Pelissä havaitut kehityksen kohteet

-Peli on tarkoitettu pelattavaksi koko näytöllä, eikä siinä ole otettu huomioon responsiivisuutta. Jos peliä haluaisi vielä kehittää, niin siitä voisi tehdä responsiivisen.

-Peli alkaa heti selaimen avautuessa ja jos peliä haluaisi vielä kehittää, niin siihen voisi tehdä ”aloita peli”-napin, jota painamalla peli vasta alkaisi.

Olemme huomioineet nämä asiat, mutta halusimme tehdä pelistä tämänlaisen kuin se nyt on.