

id	Fund (id)	Fund (name)	Last day of the reporting period	Type of the asset	Asset (name from the report)	Issuer	Name	SecurityID	Branch	Amount (rub)	Share (%)	Last NAV
1226391	2121.0001	Sberbank - Europe	12/31/2019	etf	db x trackers EURO STOXX 50 UCITS ETF (DR) 1C EUR, LU0380865021			F		41,686,794.88	70.01	57,861,505.33
1226393	2121.0001	Sberbank - Europe	12/31/2019	foreign_stock	Banco Santander, акция, [ES0113900J37]	Banco Santander	Banco Santander, ord.	ES0113900J37		1,330,705.05	2.23	57,861,505.33
1226395	2121.0001	Sberbank - Europe	12/31/2019	foreign_stock	BASF, акция, [DE000BASF111]	BASF	BASF, ord.	DE000BASF111		1,519,807.27	2.55	57,861,505.33
1226397	2121.0001	Sberbank - Europe	12/31/2019	foreign_stock	Daimler AG, акция, [DE0007100000]	Daimler AG	Daimler AG, ord.	DE0007100000		1,128,216.63	1.89	57,861,505.33
1226399	2121.0001	Sberbank - Europe	12/31/2019	foreign_stock	SAP SE, акция, [DE0007164600]	SAP SE	SAP SE, ord.	DE0007164600		2,828,297.68	4.75	57,861,505.33
1226401	2121.0001	Sberbank - Europe	12/31/2019	foreign_stock	Siemens, акция, [DE0007236101]	Siemens	Siemens, ord.	DE0007236101		2,025,438.93	3.40	57,861,505.33
1226403	21212.0001	Sberbank - Europe	12/31/2019	foreign_stock	Allianz, акция, [DE0008404005]	Allianz	Allianz, ord.	DE0008404005		2,356,991.00	3.96	57,861,505.33
1226405	2121.0001	Sberbank - Europe	12/31/2019	foreign_stock	Bayer, акция, [DE000BAY0017]	Bayer	Bayer, ord.	DE000BAY0017		1,440,592.57	2.42	57,861,505.33
1226407	2121.0001	Sberbank - Europe	12/31/2019	foreign_stock	ASML Holding, акция, [NL0010273215]	ASML Holding	ASML Holding, ord.	NL0010273215		2,322,209.76	3.90	57,861,505.33
1226409	2121.0001	Sberbank - Europe	12/31/2019	foreign_stock	ING Groep, акция, [NL0011821202]	ING Groep	ING Groep, ord.	NL0011821202		1,111,668.50	1.87	57,861,505.33
1226411	21212112.0001	Sberbank - Europe	12/31/2019	foreign_stock	Anheuser-Busch InBev, акция об. [BE0974293251]	Anheuser-Busch InBev	Anheuser-Busch InBev, ord.	BE0974293251		1,638,570.38	2.75	57,861,505.33
1240461	2121.0001	Sberbank - Europe	12/31/2019	etf	Xtrackers Euro Stoxx 50 UCITS ETF (EUR) [LU0380865021]	BlackRock	iShares MSCI Japan Value ETF	F		41,686,794.88	70.01	57,861,505.33
1240463	2121.0001	Sberbank - Europe	12/31/2019	foreign_stock	Banco Santander, акция, [ES0113900J37]	Banco Santander	Banco Santander, ord.	ES0113900J37		1,330,705.05	2.23	57,861,505.33
1240465	2121.0001	Sberbank - Europe	12/31/2019	foreign_stock	BASF, акция, [DE000BASF111]	BASF	BASF, ord.	DE000BASF111		1,519,807.27	2.55	57,861,505.33
1240467	2121.0001	Sberbank - Europe	12/31/2019	foreign_stock	Daimler AG, акция, [DE0007100000]	Daimler AG	Daimler AG, ord.	DE0007100000		1,128,216.63	1.89	57,861,505.33
1240469	2121.0001	Sberbank - Europe	12/31/2019	foreign_stock	SAP SE, акция, [DE0007164600]	SAP SE	SAP SE, ord.	DE0007164600		2,828,297.68	4.75	57,861,505.33
1240471	212113.0001	Sberbank - Europe	12/31/2019	foreign_stock	Siemens, акция, [DE0007236101]	Siemens	Siemens, ord.	DE0007236101		2,025,438.93	3.40	57,861,505.33
1240473	2121.0001	Sberbank - Europe	12/31/2019	foreign_stock	Allianz, акция, [DE0008404005]	Allianz	Allianz, ord.	DE0008404005		2,356,991.00	3.96	57,861,505.33
1240475	2121.0001	Sberbank - Europe	12/31/2019	foreign_stock	Bayer, акция, [DE000BAY0017]	Bayer	Bayer, ord.	DE000BAY0017		1,440,592.57	2.42	57,861,505.33
1240477	2121.0001	Sberbank - Europe	12/31/2019	foreign_stock	ASML Holding, акция, [NL0010273215]	ASML Holding	ASML Holding, ord.	NL0010273215		2,322,209.76	3.90	57,861,505.33
1240479	2121.0001	Sberbank - Europe	12/31/2019	foreign_stock	ING Groep, акция, [NL0011821202]	ING Groep	ING Groep, ord.	NL0011821202		1,111,668.50	1.87	57,861,505.33
1240481	2121.0001	Sberbank - Europe	12/31/2019	foreign_stock	Anheuser-Busch InBev, акция об. [BE0974293251]	Anheuser-Busch InBev	Anheuser-Busch InBev, ord.	BE0974293251		1,638,570.38	2.75	57,861,505.33
1271907	2121.0001	Sberbank - Europe	3/31/2020	etf	Xtrackers Euro Stoxx 50 UCITS ETF (EUR) [LU0380865021]	BlackRock	iShares MSCI Japan Value ETF	F		40,374,135.38	63.54	63,242,865.85
1271909	2121.0001	Sberbank - Europe	3/31/2020	foreign_stock	Banco Santander, акция, [ES0113900J37]	Banco Santander	Banco Santander, ord.	ES0113900J37		979,629.66	1.54	63,242,865.85
1271911	2121.0001	Sberbank - Europe	3/31/2020	foreign_stock	BASF, акция, [DE000BASF111]	BASF	BASF, ord.	DE000BASF111		1,196,893.91	1.88	63,242,865.85
1271913	2121.0001	Sberbank - Europe	3/31/2020	foreign_stock	Daimler AG, акция, [DE0007100000]	Daimler AG	Daimler AG, ord.	DE0007100000		768,844.99	1.21	63,242,865.85
1271915	2121.0001	Sberbank - Europe	3/31/2020	foreign_stock	SAP SE, акция, [DE0007164600]	SAP SE	SAP SE, ord.	DE0007164600		2,953,215.65	4.65	63,242,865.85
1271917	2121.0001	Sberbank - Europe	3/31/2020	foreign_stock	Siemens, акция, [DE0007236101]	Siemens	Siemens, ord.	DE0007236101		1,636,420.31	2.58	63,242,865.85
1271919	2121.0001	Sberbank - Europe	3/31/2020	foreign_stock	Allianz, акция, [DE0008404005]	Allianz	Allianz, ord.	DE0008404005		2,062,426.13	3.25	63,242,865.85
1271921	2121.0001	Sberbank - Europe	3/31/2020	foreign_stock	Bayer, акция, [DE000BAY0017]	Bayer	Bayer, ord.	DE000BAY0017		1,317,197.10	2.07	63,242,865.85
1271923	212172.0001	Sberbank - Europe	3/31/2020	foreign_stock	ASML Holding, акция, [NL0010273215]	ASML Holding	ASML Holding, ord.	NL0010273215		2,643,266.27	4.16	63,242,865.85
1271925	2121.0001	Sberbank - Europe	3/31/2020	foreign_stock	ING Groep, акция, [NL0011821202]	ING Groep	ING Groep, ord.	NL0011821202		615,701.80	0.97	63,242,865.85
1271927	2121.0001	Sberbank - Europe	3/31/2020	foreign_stock	Anheuser-Busch InBev, акция об. [BE0974293251]	Anheuser-Busch InBev	Anheuser-Busch InBev, ord.	BE0974293251		1,129,097.82	1.78	63,242,865.85
1223203	2125.0001	Raiffeisen - Emerging market	12/31/2019	stock	ГМК Норильский никель, акция об. [1-01-40155-F]	Norilsk Nickel	Norilsk Nickel, ord.	RU0007288411	Non-ferrous metals	9,562,000.00	5.94	159,665,981.19
1223205	2125.0001	Raiffeisen - Emerging market	12/31/2019	stock	Газпром, акция об. [1-02-00028-A]	Gazprom	Gazprom, ord.	RU0007661625	Oil and gas	12,179,950.00	7.57	159,665,981.19
1223207	2125.0001	Raiffeisen - Emerging market	12/31/2019	stock	Сбербанк России, акция об. [10301481B]	Sberbank	Sberbank, ord.	RU0009029540	Banks	2,573,076.00	1.60	159,665,981.19
1223209	2125.0001	Raiffeisen - Emerging market	12/31/2019	stock	Роснефть, акция об. [1-02-00122-A]	Rosneft	Rosneft, ord.	RU000AOJ2Q06	Oil and gas	2,203,530.00	1.37	159,665,981.19
1223211	2125.0001	Raiffeisen - Emerging market	12/31/2019	foreign_stock	Samsung Electronics, деп. расп. [US7960508882]	Samsung Electronics	Samsung Electronics, gdr	US7960508882		5,767,952.19	3.58	159,665,981.19
1223213	2125.0001	Raiffeisen - Emerging market	12/31/2019	foreign_stock	Larsen & Toubro, деп. расп. [USY5217N1183]	Larsen & Toubro	Larsen & Toubro, gdr	USY5217N1183		5,998,784.33	3.73	159,665,981.19
1223215	2125.0001	Raiffeisen - Emerging market	12/31/2019	foreign_stock	Alibaba, деп. расп. [US01609W1027]	Alibaba	Alibaba, gdr	US01609W1027		8,020,059.39	4.98	159,665,981.19
1223217	2125221.0001	Raiffeisen - Emerging market	12/31/2019	foreign_stock	Banco Santander (Brasil), деп. расп. [US05967A1079]	Banco Santander (Brasil)	Banco Santander (Brasil), gdr	US05967A1079		7,142,841.48	4.44	159,665,981.19
1223219	2125.0001	Raiffeisen - Emerging market	12/31/2019	foreign_stock	Gold Fields, деп. расп. [US38059T1060]	Gold Fields	Gold Fields, gdr	US38059T1060		7,560,186.48	4.70	159,665,981.19
1223221	2125.0001	Raiffeisen - Emerging market	12/31/2019	foreign_stock	Grupo Aeroportuario del Sureste, деп. расп. [US40051E2028]	Grupo Aeroportuario del Sureste	Grupo Aeroportuario del Sureste, gdr	US40051E2028		8,943,834.25	5.56	159,665,981.19
1223223	2125.0001	Raiffeisen - Emerging market	12/31/2019	foreign_stock	ICICI Bank, деп. расп. [US45104G1040]	ICICI Bank	ICICI Bank, gdr	US45104G1040		10,001,651.66	6.21	159,665,981.19
1223225	2125.0001	Raiffeisen - Emerging market	12/31/2019	foreign_stock	Petrobras, деп. расп. [US71654V4086]	Petrobras	Petrobras, gdr	US71654V4086		6,704,588.93	4.17	159,665,981.19
1223227	2125.0001	Raiffeisen - Emerging market	12/31/2019	foreign_stock	Suzano Papel e Celulose S.A., деп. расп. [US86959K1051]	Suzano	Suzano Papel e Celulose S.A., gdr	US86959K1051		8,521,697.80	5.29	159,665,981.19
1223229	2125.0001	Raiffeisen - Emerging market	12/31/2019	foreign_stock	Taiwan Semiconductor, деп. расп. [US8740391003]	TSMC	TSMC, gdr	US8740391003		9,003,321.25	5.59	159,665,981.19
1223231	2125.0001	Raiffeisen - Emerging market	12/31/2019	foreign_stock	Haier Electronics Group, акция об. [BMG423131256]	Haier Electronics Group	Haier Electronics Group, ord.	BMG423131256		6,586,110.08	4.09	159,665,981.19
1223233	2125.0001	Raiffeisen - Emerging market	12/31/2019	foreign_stock	Power Assets, акция об. [HK0006000050]	Power Assets	Power Assets, ord.	HK0006000050		5,894,803.20	3.66	159,665,981.19
1223235	2125.0001	Raiffeisen - Emerging market	12/31/2019	foreign_stock	Hengan International, акция об. [KYG4402L1510]	Hengan International	Hengan International, ord.	KYG4402L1510		8,719,893.60	5.42	159,665,981.19
1223237	2125.0001	Raiffeisen - Emerging market	12/31/2019	foreign_stock	Want Want China Holdings, акция об. [KYG9431R1039]	Want Want China Holdings	Want Want China Holdings, ord.	KYG9431R1039		12,741,049.20	7.92	159,665,981.19
1223239	2125.0001	Raiffeisen - Emerging market	12/31/2019	foreign_stock	Credicorp, акция об. [BMG2519Y1084]	Credicorp	Credicorp, ord.	BMG2519Y1084		6,345,974.71	3.94	159,665,981.19
1267935	2125.0001	Raiffeisen - Emerging market	3/31/2020	stock	ГМК Норильский никель, акция об. [1-01-40155-F]	Norilsk Nickel	Norilsk Nickel, ord.	RU0007288411	Non-ferrous metals	1,794,000.00	1.28	139,547,125.95
1267937	2125.0001	Raiffeisen - Emerging market	3/31/2020	stock	Газпром, акция об. [1-02-00028-A]	Gazprom	Gazprom, ord.	RU0007661625	Oil and gas	1,362,750.00	0.97	139,547,125.95
1267939	2125.0001	Raiffeisen - Emerging market	3/31/2020	stock	Сбербанк России, акция об. [10301481B]	Sberbank	Sberbank, ord.	RU0009029540	Banks	1,888,296.00	1.35	139,547,125.95
1267941	2125.0001	Raiffeisen - Emerging market	3/31/2020	stock	Роснефть, акция об. [1-02-00122-A]	Rosneft	Rosneft, ord.	RU000AOJ2Q06	Oil and gas	1,548,155.00	1.10	139,547,125.95
1267943	2125.0001	Raiffeisen - Emerging market	3/31/2020	foreign_stock	Petrobras, акция, [US71654V4086]	Petrobras	Petrobras, gdr	US71654V4086		3,523,870.60	2.51	139,547,125.95
1267945	2125.0001	Raiffeisen - Emerging market	3/31/2020	foreign_stock	TSMC, акция, [US8740391003]	TSMC	TSMC, gdr	US8740391003		9,363,554.45	6.68	139,547,125.95
1267947	2125.0001	Raiffeisen - Emerging market	3/31/2020	foreign_stock	Banco Santander (Brasil), акция, [US05967A1079]	Banco Santander (Brasil)	Banco Santander (Brasil), gdr	US05967A1079		3,841,819.95	2.74	139,547,125.95
1267949	2125.0001	Raiffeisen - Emerging market	3/31/2020	foreign_stock	ICICI Bank, акция, [US45104G1040]	ICICI Bank	ICICI Bank, gdr	US45104G1040		7,111,207.16	5.07	139,547,125.95
1267951	2125.0001	Raiffeisen - Emerging market	3/31/2020	foreign_stock	Alibaba, акция, [US01609W1027]	Alibaba	Alibaba, gdr	US01609W1027		9,287,509.60	6.62	139,547,125.95
1267953	2125.0001	Raiffeisen - Emerging market	3/31/2020	foreign_stock	Samsung Electronics, акция, [US7960508882]	Samsung Electronics	Samsung Electronics, gdr	US7960508882		10,345,365.93	7.38	139,547,125.95
1267955	2125.0001	Raiffeisen - Emerging market	3/31/2020	foreign_stock	Gold Fields, акция, [US38059T1060]	Gold Fields	Gold Fields, gdr	US38059T1060		6,879,538.14	4.91	139,547,125.95
1267957	2125.0001	Raiffeisen - Emerging market	3/31/2020	foreign_stock	Grupo Aeroportuario del Sureste, акция, [US40051E2028]	Grupo Aeroportuario del Sureste	Grupo Aeroportuario del Sureste, gdr	US40051E2028		5,647,859.36	4.03	139,547,125.95
1267959	2125.0001	Raiffeisen - Emerging market	3/31/2020	foreign_stock	Suzano, акция, [US86959K1051]	Suzano	Suzano Papel e Celulose S.A., gdr	US86959K1051		7,504,950.60	5.35	139,547,125.95
1267961	2125.0001	Raiffeisen - Emerging market	3/31/2020	foreign_stock	Larsen & Toubro, деп. расп. [USY5217N1183]	Larsen & Toubro	Larsen & Toubro, gdr	USY5217N1183		7,012,301.07	5.00	139,547,125.95
1267963	2125.0001	Raiffeisen - Emerging market	3/31/2020	foreign_stock	Power Assets, акция, [HK0006000050]	Power Assets	Power Assets, ord.	HK0006000050		6,086,172.04	4.34	139,547,125.95
1267965	2125.0001	Raiffeisen - Emerging market	3/31/2020	foreign_stock	Credicorp, акция, [BMG2519Y1084]	Credicorp	Credicorp, ord.	BMG2519Y1084		7,624,672.43	5.44	139,547,125.95
1267967	2125.0001	Raiffeisen - Emerging market	3/31/2020	foreign_stock	Alibaba Health Information Technology, акция, [BMG0171K1018]	Alibaba Health Information Technology	Alibaba Health Information Technology, ord.	BMG0171K1018		9,173,243.80	6.54	139,547,125.95
1267969	2125.0001	Raiffeisen - Emerging market	3/31/2020	foreign_stock	Shenzhen International Holdings, акция, [BMG8086V1467]	Shenzhen International Holdings	Shenzhen International Holdings, ord.	BMG8086V1467		9,033,069.87	6.44	139,547,125.95
1267971	2125.0001	Raiffeisen - Emerging market	3/31/2020	foreign_stock	Xinyi Solar Holdings, акция, [KYG9829N1025]	Xinyi Solar Holdings	Xinyi Solar Holdings, ord.	KYG9829N1025		7,511,907.30	5.36	139,547,125.95
1267973	2125.0001	Raiffeisen - Emerging market	3/31/2020	foreign_stock	ENN Energy Holdings, акция, [KYG3066L1014]	ENN Energy Holdings						

You received an email from the main office to confirm that local department still holds following assets. You have current month "Holdings Report" (first tab). Follow the steps below

- 1. We have to find SecurityID for the ID's listed below. Use VLOOKUP values below and search for them in the "Holdings Report" tab , column number 9 will be your output for SecurityID.
- 2. Some of the ID's may not be on the list. We cannot have Errors or N/A's , let's modify our VLOOKUP so for any ID missing we put the value "Not on the Holdings Report"
- 3. In order to do that use IFERROR function

ID's	SecurityID (USE VLOOKUP HERE)		Modify with IFERROR FUNCTION HERE
1226407		57861505.33	57861505.33
1226409		57861505.33	57861505.33
1226411		57861505.33	57861505.33
1240461		57861505.33	57861505.33
1240463		57861505.33	57861505.33
1240465		57861505.33	57861505.33
1240467		57861505.33	57861505.33
1240469		57861505.33	57861505.33
1240471		57861505.33	57861505.33
1240473		57861505.33	57861505.33
1266508	#N/A		Not in the Database
1266510	#N/A		Not in the Database
5209091	#N/A		Not in the Database
5200011	#N/A		Not in the Database
1240009	#N/A		Not in the Database
1271927		63242865.85	63242865.85
1223203		159665981.2	159665981.2
1223205		159665981.2	159665981.2
1223207		159665981.2	159665981.2
1223209		159665981.2	159665981.2
1223211		159665981.2	159665981.2
1223344	#N/A		Not in the Database
1229122	#N/A		Not in the Database
1332222	#N/A		Not in the Database
1313773		162054947.4	162054947.4
1313775		162054947.4	162054947.4
1313777		162054947.4	162054947.4
1313779		162054947.4	162054947.4
1313781		162054947.4	162054947.4
1313783		162054947.4	162054947.4
1313785		162054947.4	162054947.4
1313787		162054947.4	162054947.4

You have been asked to provide first 10 "Security ID's " for foreign stock and stock you currently have in the "Holdings" report. If there are ETF's, return "ETF" value in the column below.

Note : This assignment includes IF & OR formulas

Note: Excel logic here is quite confusing, you have to use "IF(OR(" functions in this order

Number	Security ID
1	ETF
2	ES0113900J37
3	DE000BASF111
4	DE0007100000
5	DE0007164600
6	DE0007236101
7	DE0008404005
8	DE000BAY0017
9	NL0010273215
10	NL0011821202

You are assigned to help a team to migrate first 30 assets into a new system. There is an issue, new system uses a "Unique key" which is equal to "ID" + all the numbers before the "." sign in "Fund ID" column + first 6 signs in "Security ID column"

Tip : the explanation is pretty confusing , there is a sample for the first asset below.

- 1. For this assignment we will have to use "&" + "LEFT" + "FIND" formulas
- 2. First we have to understand that there are 3 columns which have to be combined together. Every column will have different formulas. So how to combine 3 formulas into one column?? Tip: use "&" after each formula
- 3.For the first column "ID" , there is no adjustments required(no formulas needed), the second one "Fund ID" will require us to find "." first and than get all the numbers before the "." (Use LEFT and FIND functions) , for the third column we need only first 6 signs (Use LEFT function)

Example

ID	Fund ID	Security ID	New System "ID"
1226391	2121	F	12263912121F

New System "ID"
12263912121F
12263932121ES0113
12263952121DE000B
12263972121DE0007
12263992121DE0007
12264012121DE0007
122640321212DE0008
12264052121DE000B
12264072121NL0010
12264092121NL0011
122641121212112BE0974
12404612121F
12404632121ES0113
12404652121DE000B
12404672121DE0007
12404692121DE0007
1240471212113DE0007
12404732121DE0008
12404752121DE000B
12404772121NL0010
12404792121NL0011
12404812121BE0974
12719072121F
12719092121ES0113
12719112121DE000B
12719132121DE0007
12719152121DE0007
12719172121DE0007
12719192121DE0008
12719212121DE000B