





Matrix size 323	With pivoting 1.3576538562774658	Without pivoting 1.3300552368164062
Matrix size 229	With pivoting 0.473480224609375	Without pivoting 0.47075748443603516
Matrix size 346	With pivoting 1.813908338546753	Without pivoting 1.6528635025024414
Matrix size 367	With pivoting 2.311504602432251	Without pivoting 2.1143484115600586
Matrix size 396	With pivoting 2.6469640731811523	Without pivoting 2.7423131465911865
Matrix size 146	With pivoting 0.13005924224853516	Without pivoting 0.1266613006591797
Matrix size 318	With pivoting 1.331467866897583	Without pivoting 1.2755074501037598
Matrix size 199	With pivoting 0.3251302242279053	Without pivoting 0.3151559829711914
Matrix size 363	With pivoting 2.005255223205566	Without pivoting 1.9080052375793457
Matrix size 228	With pivoting 0.4936792850494385	Without pivoting 0.49071288108825684
Matrix size 219	With pivoting 0.4267239570617676	Without pivoting 0.42053961753845215
Matrix size 187	With pivoting 0.2762627601623535	Without pivoting 0.2712991237640381
Matrix size 128	With pivoting 0.09175324440002441	Without pivoting 0.09175586700439453
Matrix size 156	With pivoting 0.16361117362976074	Without pivoting 0.16208696365356445
Matrix size 395	With pivoting 2.5991098880767822	Without pivoting 2.4608466625213623
Matrix size 363	With pivoting 2.10662841796875	Without pivoting 2.010126829147339
Matrix size 202	With pivoting 0.34545111656188965	Without pivoting 0.34464335441589355
Matrix size 239	With pivoting 0.5744917392730713	Without pivoting 0.5774273872375488
Matrix size 129	With pivoting 0.09091663360595703	Without pivoting 0.09175443649291992
Matrix size 377	With pivoting 2.21850848197937	Without pivoting 2.1375017166137695
Matrix size 119	With pivoting 0.07282900810241699	Without pivoting 0.07081103324890137
Matrix size 141	With pivoting 0.11865854263305664	Without pivoting 0.11569046974182129
Matrix size 124	With pivoting 0.0832819938659668	Without pivoting 0.08280420303344727
Matrix size 148	With pivoting 0.13466763496398926	Without pivoting 0.1331315040588379
Matrix size 295	With pivoting 1.07511305809021	Without pivoting 1.019580364227295
Matrix size 399	With pivoting 2.9371533393859863	Without pivoting 2.5492043495178223
Matrix size 189	With pivoting 0.3098938465118408	Without pivoting 0.30022215843200684
Matrix size 393	With pivoting 2.685333728790283	Without pivoting 2.4569315910339355
Matrix size 168	With pivoting 0.19949817657470703	Without pivoting 0.19347739219665527
Matrix size 323	With pivoting 1.424027919769287	Without pivoting 1.359405279159546
Matrix size 336	With pivoting 1.625870943069458	Without pivoting 1.5552341938018799
Matrix size 224	With pivoting 0.46353673934936523	Without pivoting 0.4513108730316162
Matrix size 172	With pivoting 0.20943975448608398	Without pivoting 0.21285176277160645
Matrix size 169	With pivoting 0.2034296989440918	Without pivoting 0.1994922161102295
Matrix size 181	With pivoting 0.24933314323425293	Without pivoting 0.24114012718200684
Matrix size 370	With pivoting 2.141052484512329	Without pivoting 2.022433280944824
Matrix size 139	With pivoting 0.11626267433166504	Without pivoting 0.11425638198852539
Matrix size 165	With pivoting 0.18752360343933105	Without pivoting 0.18051719665527344
Matrix size 239	With pivoting 0.5655672550201416	Without pivoting 0.5516707897186279
Matrix size 371	With pivoting 2.1344850063323975	Without pivoting 2.048304796218872
Matrix size 299	With pivoting 1.1524112224578857	Without pivoting 1.1154046058654785
Matrix size 384	With pivoting 2.4326610565185547	Without pivoting 2.280299425125122
Matrix size 120	With pivoting 0.07482528686523438	Without pivoting 0.07280564308166504
Matrix size 169	With pivoting 0.2014613151550293	Without pivoting 0.20099234580993652
Matrix size 122	With pivoting 0.08058643341064453	Without pivoting 0.07579779624938965
Matrix size 196	With pivoting 0.31414031982421875	Without pivoting 0.30489611625671387
Matrix size 347	With pivoting 1.7967016696929932	Without pivoting 1.7073934078216553
Matrix size 201	With pivoting 0.3331332206726074	Without pivoting 0.3305776119232178
Matrix size 297	With pivoting 1.1173334121704102	Without pivoting 1.0933616161346436
Matrix size 374	With pivoting 2.2716901302337646	Without pivoting 2.130427598953247
Matrix size 393	With pivoting 2.6554901599884033	Without pivoting 2.5240976810455322
Matrix size 315	With pivoting 1.3523838520050049	Without pivoting 1.3030409812927246
Matrix size 114	With pivoting 0.06584954261779785	Without pivoting 0.0628058910369873
Matrix size 212	With pivoting 0.39447474479675293	Without pivoting 0.3879697322845459
Matrix size 274	With pivoting 0.8747189044952393	Without pivoting 0.8471195697784424
Matrix size 118	With pivoting 0.07390189170837402	Without pivoting 0.07133269309997559
Matrix size 106	With pivoting 0.0533902645111084	Without pivoting 0.05285835266113281
Matrix size 185	With pivoting 0.2652904987335205	Without pivoting 0.25579357147216797
Matrix size 126	With pivoting 0.08577084541320801	Without pivoting 0.08275270462036133
Matrix size 220	With pivoting 0.45028162002563477	Without pivoting 0.4338645935058594
Matrix size 182	With pivoting 0.2559220790863037	Without pivoting 0.2471170425415039
Matrix size 325	With pivoting 1.4920239448547363	Without pivoting 1.4504432678222656

Matrix size 376	With pivoting 2.3563296794891357	Without pivoting 2.2076802253723145
Matrix size 290	With pivoting 1.1046311855316162	Without pivoting 1.0392515659332275
Matrix size 248	With pivoting 0.6782288551330566	Without pivoting 0.6994960308074951
Matrix size 323	With pivoting 1.5196316242218018	Without pivoting 1.5120439529418945
Matrix size 186	With pivoting 0.278195858001709	Without pivoting 0.2906005382537842
Matrix size 269	With pivoting 0.8412837982177734	Without pivoting 0.835329532623291
Matrix size 285	With pivoting 1.0117714405059814	Without pivoting 0.9863448143005371
Matrix size 382	With pivoting 2.496272325515747	Without pivoting 2.3236029148101807
Matrix size 214	With pivoting 0.41167521476745605	Without pivoting 0.404555082321167
Matrix size 249	With pivoting 0.6552479267120361	Without pivoting 0.6418516635894775
Matrix size 270	With pivoting 0.8974170684814453	Without pivoting 0.8219254016876221
Matrix size 101	With pivoting 0.04587817192077637	Without pivoting 0.04487967491149902
Matrix size 187	With pivoting 0.28925228118896484	Without pivoting 0.27526330947875977
Matrix size 180	With pivoting 0.2798807621002197	Without pivoting 0.28873729705810547
Matrix size 238	With pivoting 0.6063504219055176	Without pivoting 0.6076393127441406
Matrix size 147	With pivoting 0.14816975593566895	Without pivoting 0.13862943649291992
Matrix size 344	With pivoting 1.991377830505371	Without pivoting 1.8426172733306885
Matrix size 361	With pivoting 2.0144288539886475	Without pivoting 2.073560953140259
Matrix size 129	With pivoting 0.09073638916015625	Without pivoting 0.08876156806945801
Matrix size 266	With pivoting 0.7699573040008545	Without pivoting 0.7598519325256348
Matrix size 166	With pivoting 0.18717432022094727	Without pivoting 0.18401336669921875
Matrix size 143	With pivoting 0.12267184257507324	Without pivoting 0.1196584701538086
Matrix size 321	With pivoting 1.6617834568023682	Without pivoting 1.4703903198242188
Matrix size 327	With pivoting 1.5754027366638184	Without pivoting 1.5873327255249023
Matrix size 128	With pivoting 0.09470152854919434	Without pivoting 0.08829689025878906
Matrix size 316	With pivoting 1.504549503326416	Without pivoting 1.4332969188690186
Matrix size 246	With pivoting 0.6970455646514893	Without pivoting 0.6438093185424805
Matrix size 390	With pivoting 2.7509303092956543	Without pivoting 2.526589870452881
Matrix size 122	With pivoting 0.08108925819396973	Without pivoting 0.07627630233764648
Matrix size 205	With pivoting 0.3510615825653076	Without pivoting 0.34012460708618164
Matrix size 393	With pivoting 2.5952224731445312	Without pivoting 2.467257261276245
Matrix size 301	With pivoting 1.1485857963562012	Without pivoting 1.1105594635009766
Matrix size 145	With pivoting 0.13067150115966797	Without pivoting 0.12399673461914062
Matrix size 248	With pivoting 0.6123926639556885	Without pivoting 0.6003942489624023
Matrix size 101	With pivoting 0.044904470443725586	Without pivoting 0.04488039016723633
Matrix size 382	With pivoting 2.4961955547332764	Without pivoting 2.3265974521636963
Matrix size 314	With pivoting 1.3588860034942627	Without pivoting 1.3083415031433105
Matrix size 342	With pivoting 1.785231590270996	Without pivoting 1.7062768936157227