OUTPUT:

Siddharths-MacBook-Pro:algorithms-assignment siddharthlanka$ python3 index.py

Metrics: {'largest\_vertex': '126099', 'number\_of\_edges': 12, 'average\_degree': 2.785182007323629}

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Results for vertex: 767

Results: 857

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Results for vertex: 546

Results: 1941

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Results for vertex: 375

Results: 2311

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Results for vertex: 477

Results: 2311

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Results for vertex: 388

Results: 2311

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Results for vertex: 503

Results: 2311

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Results for vertex: 737

Results: 2311

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Results for vertex: 612

Results: 2311

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Results for vertex: 102

Results: 2311

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Results for vertex: 491

Results: 2312

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Program end!

Siddharths-MacBook-Pro:algorithms-assignment siddharthlanka$ python3 index.py

Metrics: {'largest\_vertex': '126099', 'number\_of\_edges': 12, 'average\_degree': 2.785182007323629}

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Results for vertex: 949

Results: ['950', '949', '951', '1108', '1005', '1004', '1006', '11654', '990', '991', '1245', '957', '958', '1042', '925', '924', '922', '923', '1133', '1134', '1135', '926', '862', '863', '1087', '1086', '1106', '833', '832', '841', '842', '1226', '1169', '1170', '1177', '1178', '1179', '858', '803', '802', '820', '821', '801', '800', '810', '811', '843', '844', '1308', '1182', '867', '857', '868', '1181', '1183', '11016', '1122', '10625', '1143', '971', '978', '979', '10627', '1092', '10628', '10630', '1311', '10631', '940', '939', '1121', '1287', '903', '10859', '10634', '1286', '1278', '1185', '1083', '1082', '918', '919', '901', '902', '921', '920', '928', '1080', '1081', '1277', '1184', '1186', '1301', '729', '730', '723', '724', '1172', '1173', '824', '1280', '1289', '845', '828', '827', '823', '834', '860', '854', '853', '859', '861', '872', '5678', '11506', '1279', '799', '798', '816', '814', '812', '813', '855', '1069', '815', '839', '1281', '840', '838', '849', '1068', 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Results for vertex: 848

Results: ['950', '949', '951', '1108', '1005', '1004', '1006', '11654', '990', '991', '1245', '957', '958', '1042', '925', '924', '922', '923', '1133', '1134', '1135', '926', '862', '863', '1087', '1086', '1106', '833', '832', '841', '842', '1226', '1169', '1170', '1177', '1178', '1179', '858', '803', '802', '820', '821', '801', '800', '810', '811', '843', '844', '1308', '1182', '867', '857', '868', '1181', '1183', '11016', '1122', '10625', '1143', '971', '978', '979', '10627', '1092', '10628', '10630', '1311', '10631', '940', '939', '1121', '1287', '903', '10859', '10634', '1286', '1278', '1185', '1083', '1082', '918', '919', '901', '902', '921', '920', '928', '1080', '1081', '1277', '1184', '1186', '1301', '729', '730', '723', '724', '1172', '1173', '824', '1280', '1289', '845', '828', '827', '823', '834', '860', '854', '853', '859', '861', '872', '5678', '11506', '1279', '799', '798', '816', '814', '812', '813', '855', '1069', '815', '839', '1281', '840', '838', '849', '1068', 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Results for vertex: 216

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Program end!