

Assignment 1

Cognitive Code-Level OO Complexity Measure	Name of Research Paper	Group Number														Supervisor
Kushwaha and Misra’s Total Complexity of OO Software Product (KM TCOOSP) measure	Cognitive information complexity measure of object-oriented software-A practitioner’s approach_2006	Grp_07	Grp_85													Ms. Hansi (hansi.m@sliit.lk)
Misra’s Class Complexity (MCC) measure	An object oriented complexity metric based on cognitive weights_2007	Grp_13	Grp_91	Grp_102	Grp_70	Grp_93	Grp_86	Grp_48	Grp_51	Grp_40	Grp_72	Grp_10	Grp_06	Grp_61		Ms. Karthiga (karthiga.r@sliit.lk)
Misra and Akman’s Weighted Class Complexity (MA WCC) measure	Weighted class complexity-A measure of complexity for object oriented system_2008	Grp_100	Grp_82	Grp_09	Grp_84	Grp_67	Grp_58	Grp_94	Grp_28	Grp_101	Grp_109	Grp_25	Grp_49	Grp_64		Dr. Dilshan (dilshan.i@sliit.lk)
Gupta and Chhabra’s (GC) measure	Object-oriented cognitive-Spatial complexity measures_2009	Grp_79	Grp_36	Grp_46	Grp_52	Grp_44	Grp_104	Grp_66								Ms. Karthiga (karthiga.r@sliit.lk)
Misra, Akman and Koyuncu’s Cognitive Code Complexity (MAK CCC) measure	An inheritance complexity metric for object-oriented code-A cognitive approach_2011	Grp_92	Grp_14	Grp_60	Grp_63	Grp_111	Grp_59	Grp_113	Grp_19	Grp_53	Grp_73	Grp_18	Grp_112	Grp_04		Mr. Samitha (samitha.v@sliit.lk)
Misra, Koyuncu, Crasso, Mateos and Zunino’s Code Complexity (MKCMZ CoCo) measure	A suite of cognitive complexity metrics_2012	Grp_17	Grp_16	Grp_11	Grp_75	Grp_22	Grp_23	Grp_03	Grp_108	Grp_99	Grp_37	Grp_33	Grp_43	Grp_81		Mr. Samitha (samitha.v@sliit.lk)
Aloysius and Arockiam’s Cognitive Weighted Coupling between Objects (AA CWCBO) measure	Coupling complexity metric-A cognitive approach_2012	Grp_103	Grp_56	Grp_32	Grp_97	Grp_106	Grp_57	Grp_76	Grp_78	Grp_88	Grp_38	Grp_26	Grp_110	Grp_05		Ms. Rashini (rashini.l@sliit.lk)
Dilshan, Saluka, Amalka, and Nuwan's Modified CB (DSAN MCB) measure	Enhancement to an OO metric-CB measure_2018	Grp_27	Grp_69	Grp_12	Grp_45	Grp_89	Grp_15	Grp_95	Grp_65	Grp_62	Grp_71	Grp_80	Grp_54	Grp_08		Dr. Dilshan (dilshan.i@sliit.lk)
Sanjay, Adewole, Luis, and Robertas's (SALR) Metrics Suite	A suite of object oriented cognitive complexity metrics_2018	Grp_83	Grp_39	Grp_47	Grp_68	Grp_107	Grp_29	Grp_55	Grp_01	Grp_34	Grp_24	Grp_105	Grp_42			Ms. Rashini (rashini.l@sliit.lk)
Singh and Bhat's Cognitive Class Complexity (SB CCC) measure	An approach to measure cognitive complexity for object oriented code_2015	Grp_90	Grp_20	Grp_30	Grp_41	Grp_98	Grp_96	Grp_31	Grp_87	Grp_50	Grp_35	Grp_74	Grp_21	Grp_02		Ms. Hansi (hansi.m@sliit.lk)